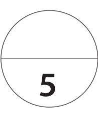
15 Marks

Model (1)

1 Choose the correct answer:



a Which of the following is the least? $\left(\frac{4}{9}, \frac{7}{9}, \frac{2}{9}, 1\right)$

b $\frac{20}{7} =$ .... (as a mixed number) $\left(\frac{6}{7}, 2\frac{1}{7}, 2\frac{6}{7}, 3\frac{1}{7}\right)$

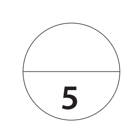
c $3 - 1\frac{1}{2} =$ .... $\left(\frac{1}{2}, 1\frac{1}{4}, 1\frac{1}{2}, 1\right)$

d The equivalent fraction of $\frac{4}{24}$ is .... $\left(\frac{1}{6}, \frac{3}{6}, \frac{6}{6}, \frac{6}{7}\right)$

e $27 \times \frac{3}{3}$ .... $27 \times \frac{9}{9}$



2 Complete the following:



a The fraction which represents the colored part = ...



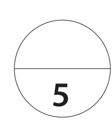
b $\frac{3}{8} = \frac{\cdots}{16}$

c $\frac{3}{7} \times \frac{2}{2} =$ ....

d $2\frac{1}{4} + \frac{3}{8} =$ ....

e $4\frac{1}{8} = \frac{\cdots}{8}$ (as an improper fraction)

3 Answer the following:



a Ali ate $4\frac{1}{3}$ slices of pizza and his friend Ahmed ate $\frac{10}{3}$ slices of pizza. Who ate more?

....

b **Order the following in an ascending order:**

$\frac{3}{5}, \frac{1}{5}, \frac{4}{5}, \frac{2}{5}$

....

15 Marks

Model (2)

1 Choose the correct answer:

5

a $\frac{450}{1000}$ = ... $\left(\frac{450}{100}, \frac{45}{10}, \frac{45}{100}, \frac{450}{10}\right)$

b The equivalent fraction of $\frac{18}{24}$ is .... $\left(\frac{4}{6}, \frac{9}{6}, \frac{3}{4}, \frac{1}{4}\right)$

c $\frac{37}{100}$ .... $\frac{4}{10}$ (<, >, =, otherwise)

d $\frac{7}{10} + \frac{2}{10}$ = ... $\left(\frac{5}{10}, \frac{3}{10}, \frac{9}{10}, \frac{7}{10}\right)$

e The simplest form of $\frac{15}{20}$ is .... $\left(\frac{3}{4}, \frac{1}{4}, \frac{5}{6}, \frac{3}{5}\right)$

2 Complete the following:

5

a $\frac{17}{100} + \frac{3}{10}$ = ...

b $\frac{\ldots\ldots}{3} = 6\frac{2}{3}$

c $6\frac{1}{9} - 4\frac{5}{9}$ = ... (as a mixed number)

d $\frac{1}{2} = \frac{\ldots\ldots}{22}$

e $1\frac{1}{4} + \frac{3}{4}$ = ...

3 Answer the following:

5

a Write the following as a mixed number:

1 $\frac{25}{3}$ 2 $\frac{45}{8}$

Answer:

1 .... 2 ....

b Mostafa read $\frac{3}{10}$ of his story on Monday and $\frac{57}{100}$ of it on Tuesday, What is the fraction which represents all of Mostafa read?

....

....

15 Marks

Model (3)

1 Choose the correct answer:

5

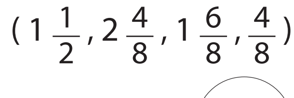
a $\frac{106}{100} =$ .... $(1\frac{6}{10}, 1\frac{6}{100}, 1\frac{60}{100}, 1\frac{16}{100})$

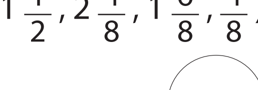
b $\frac{5}{9} + \frac{4}{9} =$ .... $(1, \frac{3}{9}, \frac{4}{9}, \frac{2}{9})$

c Each of the following is a unit fraction? $(\frac{7}{4}, \frac{7}{7}, \frac{4}{7}, \frac{1}{7})$

d $\frac{1}{4}$ .... $\frac{1}{8}$ (< , > , = , otherwise)

e $3\frac{5}{8} - 2\frac{1}{8} =$ .... $(1\frac{1}{2}, 2\frac{4}{8}, 1\frac{6}{8}, \frac{4}{8})$





2 Complete the following:

5

a The number of fifths in 1 is ....

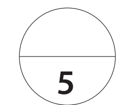
b $5\frac{1}{4} =$ .... (as an improper fraction)

c $\frac{3}{3} \times \frac{2}{11} =$ ....

d $\frac{9}{100} + \frac{8}{10} = \frac{\dots\dots}{100}$

e $\frac{8}{7} - \frac{2}{7} =$ ....

3 Answer the following:



5

a Maged worked $2\frac{3}{4}$ hours and Ali worked $3\frac{1}{4}$ hours. What is the total time they worked?

....

b **Order the following fractions in descending order:**

$\frac{1}{3}, \frac{1}{4}, \frac{1}{2}, \frac{1}{7}$

....

15 Marks

Model (4)

1 Choose the correct answer:

5

a $\frac{2}{5}$ = ... ($\frac{7}{10}$, $\frac{6}{15}$, $\frac{4}{5}$, $\frac{6}{20}$)

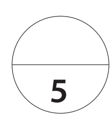
b Each of the following is an improper fraction? ($\frac{11}{6}$, $\frac{7}{9}$, $2\frac{5}{7}$, $\frac{8}{9}$)

c $\frac{1}{11} + 2 + \frac{7}{11} + 4 =$ .... ($7\frac{8}{11}$, $2\frac{6}{11}$, $6\frac{8}{22}$, $6\frac{8}{11}$)

d $\frac{1}{5} + \frac{1}{5} + \frac{1}{5} =$ .... ($\frac{4}{5}$, $\frac{11}{5}$, $\frac{3}{5}$, $\frac{3}{15}$)

e Each of the following is equivalent to $\frac{16}{7}$? ($1\frac{1}{7}$, $2\frac{2}{7}$, $3\frac{1}{7}$, $2\frac{6}{7}$)

2 Complete the following:



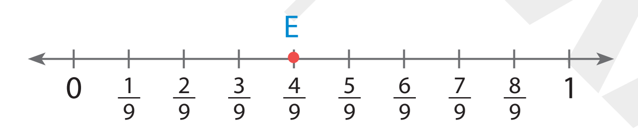
a $\frac{8}{11}$ [..........] $\frac{6}{10}$ (compare)

b $\frac{......}{6} = 5\frac{1}{6}$ (as a mixed number)

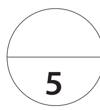
c $3\frac{7}{10} + 1\frac{7}{100} =$ ....

d $\frac{3}{10} - \frac{3}{100} =$ ....

e The number of unit fractions that represents point **E** is ....



3 Answer the following:



a If there are 20 birds on a tree, $\frac{4}{4}$ of them flew away. How many birds flew away?

....

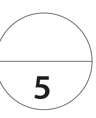
b Sally bought 1 kg of apples. She ate $\frac{2}{5}$ kg of it. What's the mass left?

....

15 Marks

Model (5)

1 Choose the correct answer:



a The mixed number which is equivalent to $\frac{8}{5}$ is .... $(1\frac{1}{5}, 1\frac{3}{5}, 1\frac{2}{5}, 1\frac{4}{5})$

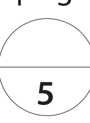
b $\frac{1}{4} = \frac{3}{......}$ $(3, 10, 36, 12)$

c $3 + \frac{5}{11} + 2 + \frac{1}{11} =$ .... $(7\frac{3}{8}, 6\frac{8}{22}, 5\frac{6}{11}, 6\frac{6}{11})$

d The fraction $\frac{9}{10}$ is closed to .... $(0, 1, 2, \frac{1}{2})$

e $\frac{5}{6} >$ .... $(1, \frac{4}{6}, \frac{5}{4}, \frac{5}{3})$

2 Complete the following:



a $6\frac{7}{9} - 3\frac{2}{9} =$ .... (as a mixed number)

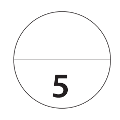
b The simplest form of $\frac{12}{36}$ is ....

c $1\frac{5}{6} + 4\frac{3}{6} =$ .... = ...

d $3\frac{5}{8} + 2\frac{1}{8} =$ ....

e $\frac{1}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10} =$ ....

3 Answer the following:



a Write the following as an improper fraction:

1 $2\frac{2}{3}$ 1 $4\frac{2}{5}$

Answer:

1 .... 1 ....

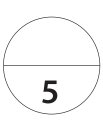
b Compare using (< , > or =):

1 $\frac{2}{7}$ (.........) $\frac{2}{5}$ 1 $\frac{2}{7}$ (.........) $\frac{3}{14}$

15 Marks

Model (1)

1 Choose the correct answer:



5

a Which of the following is the least? ($\frac{4}{9}$, $\frac{7}{9}$, $\frac{2}{9}$, 1)

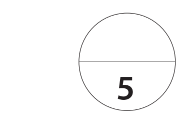
b $\frac{20}{7}$ = ... (as a mixed number) ($\frac{6}{7}$, $2\frac{1}{7}$, $2\frac{6}{7}$, $3\frac{1}{7}$)

c $3 - 1\frac{1}{2}$ = ... ($\frac{1}{2}$, $1\frac{1}{4}$, $1\frac{1}{2}$, 1)

d The equivalent fraction of $\frac{4}{24}$ is .... ($\frac{1}{6}$, $\frac{3}{6}$, $\frac{6}{6}$, $\frac{6}{7}$)

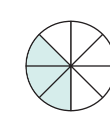
e $27 \times \frac{3}{3}$ .... $27 \times \frac{9}{9}$ (< , > , = , otherwise)

2 Complete the following:



5

a The fraction which represents the colored part = $\frac{3}{8}$



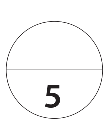
b $\frac{3}{8} = \frac{6}{16}$

c $\frac{3}{7} \times \frac{2}{2} = \frac{6}{14}$

d $2\frac{1}{4} + \frac{3}{8} = 2\frac{5}{8}$

e $4\frac{1}{8} = \frac{33}{8}$ (as an improper fraction)

3 Answer the following:



5

a Ali ate $4\frac{1}{3}$ slices of pizza and his friend Ahmed ate $\frac{10}{3}$ slices of pizza. Who ate more?

$\frac{10}{3} = 3\frac{1}{3}$, $4\frac{1}{3} > 3\frac{1}{3}$ So, Ali ate more.

b **Order the following in an ascending order:**

$\frac{3}{5}$, $\frac{1}{5}$, $\frac{4}{5}$, $\frac{2}{5}$

The order: $\frac{1}{5}$, $\frac{2}{5}$, $\frac{3}{5}$, $\frac{4}{5}$

15 Marks

Model (2)

1 Choose the correct answer:

5

a $\frac{450}{1000}$ = ... ($\frac{450}{100}$, $\frac{45}{10}$, $\frac{45}{100}$, $\frac{450}{10}$)

b The equivalent fraction of $\frac{18}{24}$ is .... ($\frac{4}{6}$, $\frac{9}{6}$, $\frac{3}{4}$, $\frac{1}{4}$)

c $\frac{37}{100}$ .... $\frac{4}{10}$ (< , > , = , otherwise)

d $\frac{7}{10} + \frac{2}{10}$ = ... ($\frac{5}{10}$, $\frac{3}{10}$, $\frac{9}{10}$, $\frac{7}{10}$)

e The simplest form of $\frac{15}{20}$ is .... ($\frac{3}{4}$, $\frac{1}{4}$, $\frac{5}{6}$, $\frac{3}{5}$)

2 Complete the following:

5

a $\frac{17}{100} + \frac{3}{10} = \frac{47}{100}$

b $\frac{20}{3} = 6\,\frac{2}{3}$

c $6\,\frac{1}{9} - 4\,\frac{5}{9} = 1\,\frac{5}{9}$ (as a mixed number)

d $\frac{1}{2} = \frac{11}{22}$

e $1\,\frac{1}{4} + \frac{3}{4} = 2$

3 Answer the following:

5

a Write the following as a mixed number:

1 $\frac{25}{3}$ 2 $\frac{45}{8}$

Answer:

1 $8\,\frac{1}{3}$ 2 $5\,\frac{5}{8}$

b Mostafa read $\frac{3}{10}$ of his story on Monday and $\frac{57}{100}$ of it on Tuesday, What is the fraction which represents all of Mostafa read?

What he read $= \frac{3}{10} + \frac{57}{100}$

$= \frac{30}{100} + \frac{57}{100} = \frac{87}{100}$ of a story

15 Marks — Model (3)

1 Choose the correct answer:

5

a. $\frac{106}{100} = \ldots\ldots\ldots$ $\left(1\frac{6}{10}, 1\frac{6}{100}, 1\frac{60}{100}, 1\frac{16}{100}\right)$

b. $\frac{5}{9} + \frac{4}{9} = \ldots\ldots\ldots$ $\left(1, \frac{3}{9}, \frac{4}{9}, \frac{2}{9}\right)$

c. Each of the following is a unit fraction? $\left(\frac{7}{4}, \frac{7}{7}, \frac{4}{7}, \frac{1}{7}\right)$

d. $\frac{1}{4} \ldots\ldots\ldots \frac{1}{8}$ (< , > , = , otherwise)

e. $3\frac{5}{8} - 2\frac{1}{8} = \ldots\ldots\ldots$ $\left(1\frac{1}{2}, 2\frac{4}{8}, 1\frac{6}{8}, \frac{4}{8}\right)$

2 Complete the following:

5

a. The number of fifths in 1 is 5

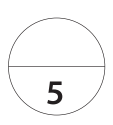
b. $5\frac{1}{4} = \frac{21}{4}$ (as an improper fraction)

c. $\frac{3}{3} \times \frac{2}{11} = \frac{2}{11}$

d. $\frac{9}{100} + \frac{8}{10} = \frac{89}{100}$

e. $\frac{8}{7} - \frac{2}{7} = \frac{6}{7}$

3 Answer the following:



a. Maged worked $2\frac{3}{4}$ hours and Ali worked $3\frac{1}{4}$ hours. What is the total time they worked?

The total time $= 2\frac{3}{4} + 3\frac{1}{4} = 6$ hours

b. **Order the following fractions in descending order:**

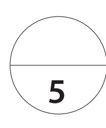
$\frac{1}{3}, \frac{1}{4}, \frac{1}{2}, \frac{1}{7}$

The order : $\frac{1}{2}, \frac{1}{3}, \frac{1}{4}, \frac{1}{7}$

15 Marks

Model (4)

1 Choose the correct answer:



a $\frac{2}{5}$ = ... ($\frac{7}{10}$, $\frac{6}{15}$, $\frac{4}{5}$, $\frac{6}{20}$)

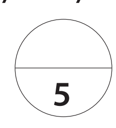
b Each of the following is an improper fraction? ($\frac{11}{6}$, $\frac{7}{9}$, $2\frac{5}{7}$, $\frac{8}{9}$)

c $\frac{1}{11} + 2 + \frac{7}{11} + 4 =$ .... ($7\frac{8}{11}$, $2\frac{6}{11}$, $6\frac{8}{22}$, $6\frac{8}{11}$)

d $\frac{1}{5} + \frac{1}{5} + \frac{1}{5} =$ .... ($\frac{4}{5}$, $\frac{11}{5}$, $\frac{3}{5}$, $\frac{3}{15}$)

e Each of the following is equivalent to $\frac{16}{7}$? ($1\frac{1}{7}$, $2\frac{2}{7}$, $3\frac{1}{7}$, $2\frac{6}{7}$)

2 Complete the following:



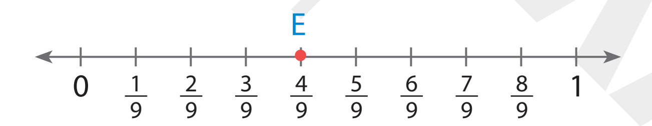
a $\frac{8}{11}$ [>] $\frac{6}{10}$ (compare)

b $\frac{31}{6} = 5\frac{1}{6}$ (as a mixed number)

c $3\frac{7}{10} + 1\frac{7}{100} = 4\frac{77}{100}$

d $\frac{3}{10} - \frac{3}{100} = \frac{27}{100}$

e The number of unit fractions that represents point E is 4



3 Answer the following:

5

a If there are 20 birds on a tree, $\frac{4}{4}$ of them flew away. How many birds flew away?

The number of birds = $20 \times \frac{4}{4}$ = 20 birds

b Sally bought 1 kg of apples. She ate $\frac{2}{5}$ kg of it. What's the mass left?

The total mass left = $1 - \frac{2}{5} = \frac{3}{5}$ kg

15 Marks

Model (5)

1 Choose the correct answer:

5

a The mixed number which is equivalent to $\frac{8}{5}$ is .... $\left(1\frac{1}{5}, 1\frac{3}{5}, 1\frac{2}{5}, 1\frac{4}{5}\right)$

b $\frac{1}{4} = \frac{3}{\ldots}$ (3 , 10 , 36 , 12)

c $3 + \frac{5}{11} + 2 + \frac{1}{11} = \ldots$ $\left(7\frac{3}{8}, 6\frac{8}{22}, 5\frac{6}{11}, 6\frac{6}{11}\right)$

d The fraction $\frac{9}{10}$ is closed to .... $\left(0, 1, 2, \frac{1}{2}\right)$

e $\frac{5}{6} >$ .... $\left(1, \frac{4}{6}, \frac{5}{4}, \frac{5}{3}\right)$

2 Complete the following:

5

a $6\frac{7}{9} - 3\frac{2}{9} = 3\frac{5}{9}$ (as a mixed number)

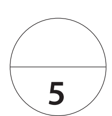
b The simplest form of $\frac{12}{36}$ is $\frac{1}{3}$

c $1\frac{5}{6} + 4\frac{3}{6} = 6\frac{2}{6} = 6\frac{1}{3}$

d $3\frac{5}{8} + 2\frac{1}{8} = 5\frac{6}{8}$

e $\frac{1}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10} = \frac{4}{10}$

3 Answer the following:



5

a **Write the following as an improper fraction:**

1 $2\frac{2}{3}$

1 $4\frac{2}{5}$

Answer:

1 $\frac{8}{3}$

1 $\frac{22}{5}$

b **Compare using (< , > or =):**

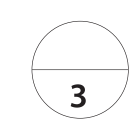
1 $\frac{2}{7} < \frac{2}{5}$

1 $\frac{2}{7} > \frac{3}{14}$



Model (1)

1 Choose the correct answer:



a The number of quarters in 3 is ....

- 7
- 10
- 12
- 16

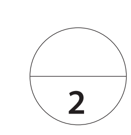
b $3 + \frac{1}{4} + \frac{1}{4} =$ ....

- $3\frac{3}{4}$
- $3\frac{1}{3}$
- $3\frac{2}{4}$
- 4

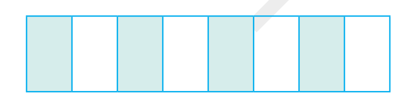
c There are 45 students in a class and $\frac{2}{5}$ of them are boys, then the number of girls in this class is ....

- 9
- 27
- 36
- 18

2 Answer the following:



Write the fraction which represents the colored part in the following model, then decompose it in 2 ways:





....

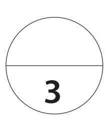
....

....

Model (2)

5 Marks

1 Choose the correct answer:



a $5\frac{6}{9} - 1\frac{4}{9} =$ ....

- $3\frac{4}{9}$
- $7\frac{1}{9}$
- $4\frac{3}{9}$
- $4\frac{2}{9}$

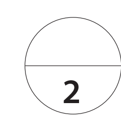
b $2 - \frac{3}{8}$ .... $1\frac{1}{8} + \frac{2}{8}$

- $>$
- $<$
- $=$
- otherwise

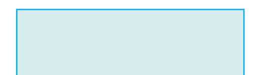
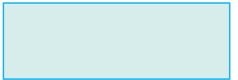
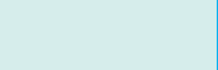
c $\frac{7}{8}$ is closed to ....

- 0
- $\frac{1}{2}$
- $\frac{1}{4}$
- 1

2 Answer the following:



a Find the result of $3 - \frac{2}{5}$ using models:

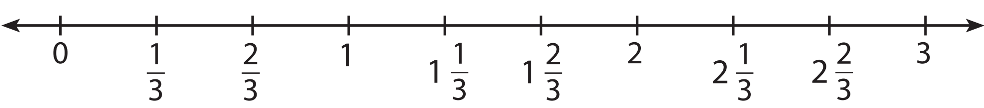




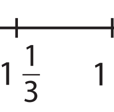
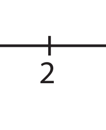
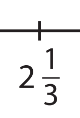
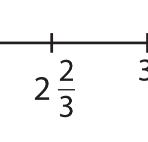
= ....

b Find the sum of each of the following using the number line:

$1\frac{2}{3} + \frac{2}{3}$ ....



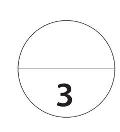




Model (3)

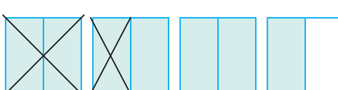
1 Choose the correct answer:



a $6\frac{3}{4} - 1\frac{1}{4}$ .... $5\frac{1}{4} + \frac{1}{4}$

- <
- >
- =
- otherwise

b The equation which represents the opposite model is ....

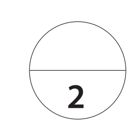


- $3\frac{1}{4} - 1\frac{1}{4} = 2$
- $3\frac{1}{2} - 1\frac{1}{2} = 2$
- $2\frac{3}{4} - 1\frac{1}{2} = 1\frac{1}{4}$
- $3 - 1\frac{1}{2} = 1\frac{1}{2}$

c $2\frac{4}{5} + 1\frac{1}{5} =$ ....

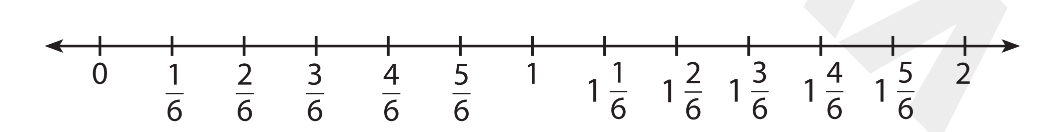
- 3
- 4
- $3\frac{1}{5}$
- 5

2 Answer the following:

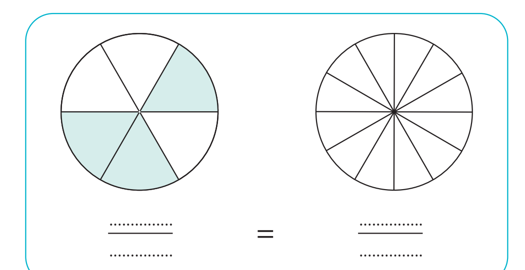


a Find the result using the number line or drawing models:

$2 - \frac{4}{6} =$ ....



b Write the fraction which represents the colored part in the first model, then color the second model to get an equivalent fraction to the first one:

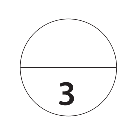




Model (1)

5 Marks

1 Choose the correct answer:



a The number of quarters in 3 is ....

- 7
- 10
- 12
- 16

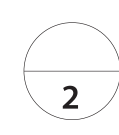
b $3 + \frac{1}{4} + \frac{1}{4} =$ ....

- $3\frac{3}{4}$
- $3\frac{1}{3}$
- $3\frac{2}{4}$
- 4

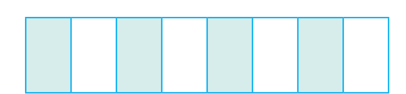
c There are 45 students in a class and $\frac{2}{5}$ of them are boys, then the number of girls in this class is ....

- 9
- 27
- 36
- 18

2 Answer the following:



Write the fraction which represents the colored part in the following model, then decompose it in 2 ways:



$\frac{4}{8}$

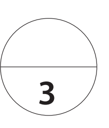
first method: $\frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8} = \frac{4}{8}$

second method: $\frac{2}{8} + \frac{2}{8} = \frac{4}{8}$

5 Marks

Model (2)

1 Choose the correct answer:



a $5\frac{6}{9} - 1\frac{4}{9} =$ ....

- $3\frac{4}{9}$
- $7\frac{1}{9}$
- $4\frac{3}{9}$
- $4\frac{2}{9}$

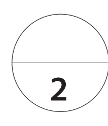
b $2 - \frac{3}{8}$ .... $1\frac{1}{8} + \frac{2}{8}$

- >
- <
- =
- otherwise

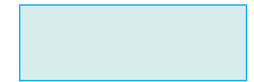
c $\frac{7}{8}$ is closed to ....

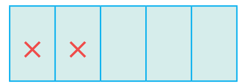
- 0
- $\frac{1}{2}$
- $\frac{1}{4}$
- 1

2 Answer the following:



a Find the result of $3 - \frac{2}{5}$ using models:



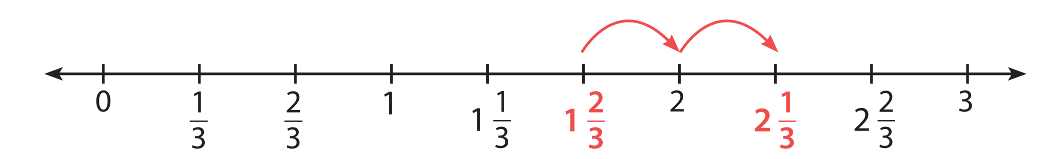


× ×

$= 2\frac{3}{5}$

b Find the sum of each of the following using the number line:

$1\frac{2}{3} + \frac{2}{3}$ $\qquad 1\frac{2}{3} + \frac{2}{3} = 2\frac{1}{3}$

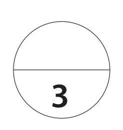




Model (3)

5 Marks

1 Choose the correct answer:

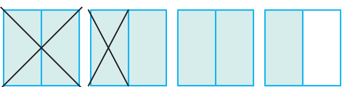


3

a $6\frac{3}{4} - 1\frac{1}{4}$ .... $5\frac{1}{4} + \frac{1}{4}$

- <
- >
- =
- otherwise

b The equation which represents the opposite model is ....

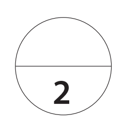


- $3\frac{1}{4} - 1\frac{1}{4} = 2$
- $3\frac{1}{2} - 1\frac{1}{2} = 2$
- $2\frac{3}{4} - 1\frac{1}{2} = 1\frac{1}{4}$
- $3 - 1\frac{1}{2} = 1\frac{1}{2}$

c $2\frac{4}{5} + 1\frac{1}{5} =$ ....

- 3
- 4
- $3\frac{1}{5}$
- 5

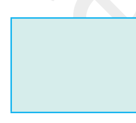
2 Answer the following:



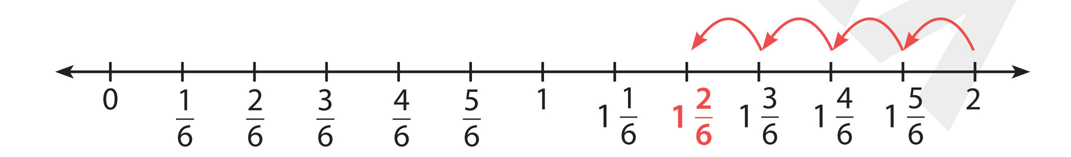
2

a Find the result using the number line or drawing models:

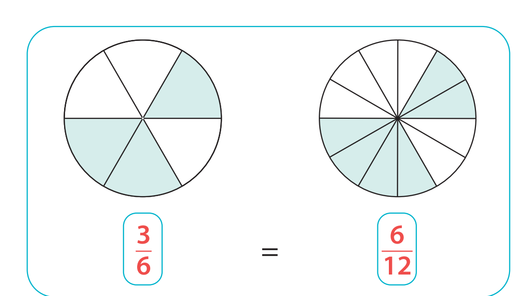
$2 - \frac{4}{6} = 1\frac{2}{6}$







b Write the fraction which represents the colored part in the first model, then color the second model to get an equivalent fraction to the first one:





March Tests Till lesson **7** unit **10**

Test 1



1. Choose the correct answer. (5 marks)

1. The value of the digit 5 in the number 16.35 is ______

   A. 0.5 B. 0.05 C. 5 D. 50

2. $\frac{4}{7} =$ ______

   A. $\frac{3}{7}+1$ B. $\frac{1}{7}+3$ C. $\frac{1}{7}+\frac{1}{7}+\frac{1}{7}+\frac{1}{7}$ D. $\frac{3}{4}+\frac{1}{4}$

3. $5 \times \frac{1}{7} =$ ______

   A. $\frac{7}{5}$ B. $5+\frac{1}{7}$ C. $\frac{36}{7}$ D. $\frac{5}{7}$

4. $\frac{2}{5}+\frac{1}{5}$ ◯ $\frac{1}{7}+\frac{2}{7}$

   A. > B. = C. <

5. 3.4 = ______ Tenths.

   A. 34 B. 340 C. 3.4 D. 0.34

2. Complete. (5 marks)

1. $3\frac{1}{2} =$ ______ [as an improper fraction]
2. $7\frac{5}{9} -$ ______ $= 3\frac{4}{9}$
3. $\frac{5}{7} = \frac{\quad}{21}$
4. $\frac{3}{10} + \frac{4}{10} =$ ______
5. The place value of the digit 7 in the number 3.76 is ______

3. a. Write 18 Tenths as a fraction and as a decimal. (2 marks)

1. ______
2. ______

b. Hady has $3\frac{1}{4}$ kg of cookies , he gives $2\frac{3}{4}$ kg of cookies to his sister. (3 marks)

How many kilograms of cookies does he have left ?

______

______

Total mark
15

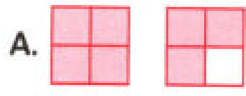
Test 2

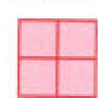
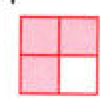
1. Choose the correct answer. (5 marks)

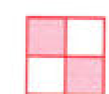
1. $\frac{3}{9} + \frac{6}{9} =$ ....

   A. $\frac{3}{9}$ B. $\frac{9}{18}$ C. 1   D. $\frac{6}{9}$

2. The correct model which represents the improper fraction $\frac{5}{4}$ is ....

   A. 

   B.  

   C. 

   D.

3. Which of the following sentences is wrong ?

   A. $\frac{1}{3} > \frac{1}{4}$ B. $\frac{1}{4} > \frac{1}{5}$ C. $\frac{1}{5} < \frac{1}{6}$ D. $\frac{1}{8} < \frac{1}{7}$

4. Which of the following is greater than 1 ?

   A. $\frac{300}{100}$ B. $\frac{30}{100}$ C. $\frac{3}{10}$ D. 0.30

5. 8 = ... Hundredths.

   A. 0.08   B. 8   C. 80   D. 800

2. Complete. (5 marks)

1. 7 Ones , 9 Hundredths = ... [in standard form]
2. $\frac{2}{10} + \frac{7}{10} =$ .... [as a decimal]
3. $2 + \frac{1}{7} + 3 + \frac{3}{7} =$ ....
4. $2 - \frac{1}{3} - \frac{1}{3} =$ ....
5. $7 \times \frac{1}{10} =$ .... [as a proper fraction]

3. a. Use the benchmark fractions $0 , \frac{1}{2} , 1$ to order the following fractions from least to greatest. (2 marks)

$\frac{1}{5}$, $\frac{9}{11}$, $\frac{3}{6}$

.... , ... , ...

b. Heba read for two hours. She read with her brother for $\frac{1}{2}$ hour, then she read with her sister for $\frac{1}{2}$ hour and she read alone for the rest of the time. (3 marks)

How long did she read alone ?

....

Mathematics

Primary 4

Test 1



1 Choose the correct answer : (3 marks)

1. Which of the following is a unit fraction ?

   (a) $\frac{1}{8}$ (b) $\frac{3}{8}$

   (c) $\frac{8}{8}$ (d) $\frac{8}{1}$

2. $\frac{2}{7} \times 3 =$ ....

   (a) $\frac{5}{7}$ (b) $\frac{6}{7}$

   (c) $\frac{5}{21}$ (d) $\frac{6}{21}$

3. Which of the following fractions is less than $\frac{1}{2}$?

   (a) $\frac{3}{3}$ (b) $\frac{5}{6}$

   (c) $\frac{3}{8}$ (d) $\frac{6}{12}$

---

2 Ahmed has 15 cakes. If $\frac{3}{5}$ of them are covered with chocolate.

How many chocolate cakes are there ? (2 marks)

....

....

Test 2

Total mark
5

1 Choose the correct answer : (3 marks)

1 Which of the following shows the identity property of multiplication ?

ⓐ 0×4 ⓑ $\frac{2}{3} \times 1$

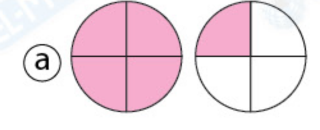
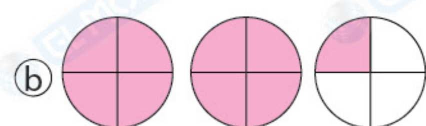
ⓒ $\frac{4}{5} \times \frac{5}{4}$ ⓓ $\frac{5}{7} \times 0$

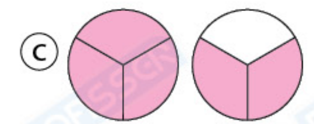
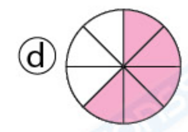
2 Which relation is correct ?

ⓐ $\frac{7}{12} > \frac{7}{9}$ ⓑ $\frac{7}{8} < \frac{7}{10}$

ⓒ $\frac{7}{13} < \frac{7}{11}$ ⓓ $\frac{7}{15} > \frac{7}{9}$

3 The correct model which represents the improper fraction $\frac{5}{4}$ is ....

ⓐ  ⓑ 

ⓒ  ⓓ 

2 Zaher has a number of seeds. On Friday he planted $\frac{3}{9}$ of them, and he planted $\frac{5}{9}$ of them on Saturday. **What fraction represents the seeds that Zaher planted in both of the two days ?** (2 marks)

....

....

Test 3

Total mark
....
5

1 Choose the correct answer : (3 marks)

1. Maha has $\frac{7}{8}$ of a pizza. If her brother Ahmed ate $\frac{5}{8}$ of it, then the share of Maha is ....

   ⓐ $\frac{1}{8}$ ⓑ $\frac{2}{8}$

   ⓒ $\frac{3}{8}$ ⓓ $\frac{5}{8}$

2. What is the equivalent fraction to $\frac{3}{5}$?

$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$		

   ⓐ $\frac{3}{10}$ ⓑ $\frac{4}{10}$

   ⓒ $\frac{5}{10}$ ⓓ $\frac{6}{10}$

3. $\frac{1}{5} + \frac{1}{5} + \frac{1}{5} + \frac{1}{5} =$ ....

   ⓐ $\frac{4}{20}$ ⓑ $\frac{1}{5} \times 4$

   ⓒ $\frac{11}{5}$ ⓓ $1\frac{1}{5}$

2 Write the fraction which represents the colored parts for the bar model and write an addition and multiplication sentence for the fraction. (2 marks)



Fraction : ....

Addition sentence : ....

Multiplication sentence : ....

Test 4

Total mark .... / 5

1 Choose the correct answer : (3 marks)

1. $4 + \frac{7}{11} + 2 + \frac{1}{11} =$ ....

ⓐ $6\frac{8}{11}$ ⓑ $6\frac{8}{22}$

ⓒ $2\frac{6}{11}$ ⓓ $7\frac{8}{11}$

2. Which choice shows the fractions in an ascending order ?

ⓐ $\frac{2}{12}, \frac{4}{12}, \frac{6}{12}, \frac{5}{12}, \frac{8}{12}$ ⓑ $\frac{2}{12}, \frac{4}{12}, \frac{5}{12}, \frac{6}{12}, \frac{8}{12}$

ⓒ $\frac{2}{12}, \frac{4}{12}, \frac{6}{12}, \frac{8}{12}, \frac{5}{12}$ ⓓ $\frac{8}{12}, \frac{6}{12}, \frac{5}{12}, \frac{4}{12}, \frac{2}{12}$

3. What is the product of $\frac{3}{5} \times \frac{3}{3}$?

ⓐ $\frac{3}{5}$ ⓑ $\frac{6}{8}$

ⓒ $\frac{3}{15}$ ⓓ $\frac{9}{5}$

2 At a birthday party, there were 7 children. If each child ate $\frac{2}{9}$ of a pizza.

How many pizzas were eaten ? (2 marks)

....

....

Test 5

Total mark 5

1 Choose the correct answer : (3 marks)

1. Which of the following shows the fractions ordered from the greatest to the least ?

   ⓐ $\frac{6}{12}$, $\frac{5}{6}$, $\frac{3}{10}$ ⓑ $\frac{5}{6}$, $\frac{6}{12}$, $\frac{3}{10}$

   ⓒ $\frac{3}{10}$, $\frac{6}{12}$, $\frac{5}{6}$ ⓓ $\frac{6}{12}$, $\frac{3}{10}$, $\frac{5}{6}$

2. Which of the following is an improper fraction ?

   ⓐ $2\frac{1}{5}$ ⓑ $\frac{5}{7}$

   ⓒ $\frac{1}{4}$ ⓓ $\frac{3}{2}$

3. Which of the following statements is NOT true ?

   ⓐ $\frac{5}{15} = \frac{1}{3}$ ⓑ $\frac{1}{6} = \frac{3}{18}$

   ⓒ $\frac{7}{8} = \frac{8}{7}$ ⓓ $\frac{3}{3} = \frac{4}{4}$

2 Samira cut a cake into 8 equal parts and ate one part of them.

What is the fraction that represents the remaining parts ? (2 marks)

....

....

Answers of Test 1

1 1) a 2) b 3) c

2 $\frac{3}{5} = \frac{X}{15}$ (× 3 for both the top and the bottom), then $X = 3 \times 3 = 9$

So, there are 9 chocolate cakes.

Answers of Test 2

1 1) b 2) c 3) a

2 The fraction $= \frac{3}{9} + \frac{5}{9} = \frac{8}{9}$



Answers of Test 3

1 1) b 2) d 3) b

2 Fraction : $\frac{5}{6}$

Addition sentence : $\frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6}$

Multiplication sentence : $5 \times \frac{1}{6}$

Answers of Test 4

 a   2 b   3 a

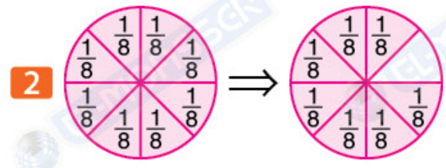
2 Number of pizzas $= \frac{2}{9} \times 7$

$= \frac{2}{9} + \frac{2}{9} + \frac{2}{9} + \frac{2}{9} + \frac{2}{9} + \frac{2}{9} + \frac{2}{9}$

$= \frac{14}{9} = 1\frac{5}{9}$ pizzas.

Answers of Test 5

1 1 b   2 d   3 c

2 

The fraction that represents the remaining parts is $\frac{7}{8}$



February Questions Bank



Question 01 choose the correct answer

1. ....is the number above the bar in a fraction .
   - a) fraction
   - b) numerator
   - c) denominator
   - d) proper fraction
2. ....is the number below the bar in a fraction .
   - a) fraction
   - b) numerator
   - c) denominator
   - d) proper fraction
3. ....is the fraction has numerator of 1 .
   - a) unit fraction
   - b) numerator
   - c) denominator
   - d) proper fraction
4. .... Fraction is the fraction its numerator is less than its denominator .
   - a) unit
   - b) improper
   - c) proper
   - d) Both a , c
5. .... Fraction is the fraction its numerator is more than its denominator .
   - a) unit
   - b) improper
   - c) denominator
   - d) proper
6. $\frac{3}{9}$ is a\an .... Fraction .
   - a) unit
   - b) improper
   - c) denominator
   - d) proper
7. $\frac{9}{5}$ is a\an .... Fraction .
   - a) unit
   - b) improper
   - c) denominator
   - d) proper
8. $\frac{1}{5}$ is a\an .... Fraction .
   - a) unit
   - b) improper
   - c) proper
   - d) both a,c
9. $\frac{1}{5}+\frac{2}{5}+\frac{2}{5}= \dots\dots\dots\dots\dots\dots\dots\dots\dots\dots\dots$
   - a) $\frac{4}{5}$
   - b) 1
   - c) $\frac{2}{5}$
   - d) $\frac{6}{5}$
10. $\frac{5}{7}=\dots\dots\dots\dots.+\dots\dots\dots\dots\dots.+\dots\dots\dots\dots\dots\dots$
    - a) $\frac{1}{7}+\frac{2}{7}+\frac{2}{7}$
    - b) $\frac{3}{7}+\frac{2}{7}$
    - c) $2+2+2$
    - d) $\frac{1}{7}-\frac{2}{7}-\frac{2}{7}$
11. $\frac{3}{7}$ = ...as unit fractions
    - a) $\frac{1}{7}+\frac{1}{7}+\frac{1}{7}$
    - b) $\frac{1}{7}+\frac{2}{7}$
    - c) $1+2$
    - d) $\frac{1}{7}-\frac{1}{7}-\frac{1}{7}$

12) $\frac{19}{7}$ = ...as a mixed number .

(a) $\frac{5}{7}$ (b) $\frac{7}{19}$ (c) $5\frac{2}{7}$ (d) $2\frac{5}{7}$

13) $5\frac{2}{3} =$ ... ... *as an improper fraction* .

(a) $\frac{15}{3}$ (b) $\frac{17}{3}$ (c) $5\frac{3}{2}$ (d) $\frac{2}{3}$

14) Which fraction equivalent to $\frac{2}{3}$?

(a) $\frac{3}{2}$ (b) $\frac{6}{9}$ (c) $1\frac{1}{3}$ (d) $\frac{6}{12}$

15) Which fraction equivalent to $\frac{3}{6}$?

(a) $\frac{6}{12}$ (b) $\frac{1}{2}$ (c) $\frac{9}{18}$ (d) all of them

16) Which of the following is the greatest ?

(a) $\frac{6}{8}$ (b) $\frac{6}{9}$ (c) $\frac{6}{100}$ (d) 1

17) Which of the following is the greatest ?

(a) $\frac{6}{12}$ (b) $\frac{6}{12}$ (c) $\frac{13}{12}$ (d) 1

18) Any improper fraction .... 1 .

(a) more than (b) less than (c) equal (d) both a and c

19) Any proper fraction ....than 1

(a) more (b) less (c) equal (d) All of them

20) 1 = ...

(a) $\frac{8}{8}$ (b) $\frac{6}{6}$ (c) $\frac{100}{100}$ (d) All of them

21) $\frac{1}{10} + 2 + \frac{5}{10} = \cdots$ ....

(a) $2\frac{6}{10}$ (b) $2\frac{6}{20}$ (c) $\frac{100}{100}$ (d) All of them

22) Any mixed number ....than 1 .

(a) more (b) less (c) equal (d) All of them

23) which of the following is a unit fraction ?

(a) $\frac{6}{12}$ (b) $\frac{6}{1}$ (c) $\frac{1}{12}$ (d) 1

24) which of the following is an improper fraction ?

(a) $\frac{6}{12}$ (b) $\frac{6}{15}$ (c) $\frac{23}{8}$ (d) $1\frac{6}{12}$



25. which of the following is a mixed number ?

(a) $\frac{6}{12}$ (b) $\frac{6}{15}$ (c) $\frac{23}{8}$ (d) $1\frac{6}{12}$

26. $\frac{6}{12} + \frac{1}{2} = \cdots \dots \dots$

(a) 1 (b) $\frac{6}{12}$ (c) $\frac{6}{14}$ (d) $1\frac{6}{12}$

27. $\frac{1}{2} + \frac{1}{6} = \cdots \dots$

(a) $\frac{2}{8}$ (b) $\frac{4}{6}$ (c) $\frac{1}{8}$ (d) $1\frac{1}{6}$

28. $\frac{3}{7} + \frac{2}{7} = \cdots \dots$

(a) $\frac{2}{8}$ (b) $\frac{5}{14}$ (c) $\frac{5}{7}$ (d) $1\frac{5}{7}$

29. $\dots \dots + \frac{2}{9} = 1$

(a) $\frac{3}{8}$ (b) $\frac{7}{9}$ (c) $\frac{7}{7}$ (d) 1

30. $\frac{10}{10} \dots \dots \dots \dots \dots \frac{3}{5}$

(a) > (b) < (c) = (d)

31. Which of the following represents a unit fraction?

(a) $\frac{4}{4}$ (b) $\frac{1}{10}$ (c) $\frac{3}{8}$ (d) $\frac{3}{1}$

32. ....< $\frac{5}{8}$

(a) $\frac{5}{7}$ (b) $\frac{5}{10}$ (c) $\frac{6}{8}$ (d) $\frac{8}{5}$

33. What is the equivalent fraction to $\frac{6}{12}$?

(a) $\frac{3}{7}$ (b) $\frac{1}{2}$ (c) $\frac{1}{4}$ (d) $\frac{12}{6}$

34. $5 - \frac{2}{6} = \cdots ..$

(a) $5\frac{3}{6}$ (b) $\frac{4}{6}$ (c) $\frac{6}{6}$ (d) $4\frac{4}{6}$

35. $5 + \frac{6}{10} + \frac{2}{10} + 3 = \cdots.$

(a) $\frac{8}{10}$ (b) $8\frac{4}{5}$ (c) 9 (d) $8\frac{3}{10}$

36 The fraction which its numerator more than its denominator is ....

(a) Proper fraction (b) Mixed number (c) Improper fraction (d) unit fraction

37 $\dots . - 2\frac{1}{5} = 3\frac{2}{5}$

(a) $\frac{3}{5}$ (b) $1\frac{1}{5}$ (c) 5 (d) $5\frac{3}{5}$

38 $8\frac{1}{6} + \cdots .. = 10\frac{4}{6}$

(a) $\frac{3}{6}$ (b) $18\frac{5}{6}$ (c) 2 (d) $2\frac{1}{2}$

39 $m + 3\frac{1}{2} = 6\frac{8}{12}$ *then* $m = \cdots ..$

(a) $5\frac{5}{12}$ (b) $11\frac{7}{14}$ (c) 5 (d) $5\frac{1}{2}$

40 $3\frac{1}{6} + 1\frac{3}{6} = \cdots \dots$

(a) $\frac{4}{6}$ (b) $\frac{2}{3}$ (c) $4\frac{4}{6}$ (d) 4

41 which of the following is closer to 1 ?

(a) $\frac{6}{12}$ (b) $\frac{6}{15}$ (c) $\frac{23}{8}$ (d) $\frac{11}{12}$

42 $\frac{7}{10} \dots \dots \dots \frac{.7}{19}$

(a) > (b) < (c) = (d)

43 $\frac{12}{10} \dots \dots \dots . 1$

(a) > (b) < (c) = (d)

44 $5 \dots \dots 1\frac{3}{8}$

(a) > (b) < (c) = (d)

45 $\frac{9}{10} \dots \dots \dots . 1$

(a) > (b) < (c) = (d)

46 $\frac{7}{10} = \frac{70}{\dots .}$

(a) 100 (b) 10 (c) 1 (d) 17

47 $\frac{\dots ..}{6} = \frac{1}{2}$

(a) 3 (b) 6 (c) 2 (d) 1

48. $\frac{4}{6} = \frac{\dots\dots}{24}$

(a) 8 (b) 16 (c) 4 (d) 24

49. $0 \dots\dots \frac{7}{9}$

(a) > (b) < (c) = (d)

50. $\frac{2}{3} \dots\dots\dots \frac{3}{5}$

(a) > (b) < (c) = (d)

51. $\frac{6}{10} \dots\dots\dots\dots \frac{3}{5}$

(a) > (b) < (c) = (d)

52. which of the following is closer to $\frac{1}{2}$?

(a) $\frac{6}{11}$ (b) $\frac{1}{9}$ (c) $\frac{0}{5}$ (d) $\frac{11}{13}$

53. $1 + \frac{5}{7} = \dots\dots$

(a) $\frac{1}{2}$ (b) $\frac{9}{7}$ (c) $\frac{7}{7}$ (d) $1\frac{5}{7}$

54. $\frac{7}{7} \times \frac{2}{7} = \dots\dots$

(a) $\frac{2}{7}$ (b) $\frac{2}{14}$ (c) $\frac{2}{49}$ (d) $1\frac{2}{7}$

55. $\frac{3}{5} + \frac{3}{5} + \frac{3}{5} + \frac{3}{5} = \dots\dots\dots$

(a) $\frac{3}{5} \times 4$ (b) $\frac{12}{5}$ (c) $2\frac{2}{5}$ (d) All of them

56. $3 \times \frac{1}{5} = \dots\dots\dots$

(a) $\frac{3}{5} \times 1$ (b) $\frac{5}{3}$ (c) $\frac{1}{15}$ (d) 15

57. $\frac{5}{7} \dots\dots\dots \frac{3}{5}$

(a) > (b) < (c) = (d)

58. which of the following is closer to 0 ?

(a) $\frac{2}{12}$ (b) $\frac{1}{2}$ (c) $\frac{6}{0}$ (d) $\frac{11}{12}$

59. $\frac{3}{7} \dots\dots \frac{9}{7}$

(a) > (b) < (c) = (d)

Question 02 Complete

1. $\frac{1}{10}$ +................= $\frac{7}{10}$
2. $5 - 3\frac{1}{6}$ =.......................
3. $\frac{\dots\dots}{8}$ = 2
4. $1\frac{1}{5} + 4\frac{4}{5}$ =.........................
5. The benchmark of the fraction $\frac{1}{6}$ is ....
6. $2 - \frac{1}{3} - \frac{1}{3}$ =.................................
7. Three eighths =..............................
8. $3\frac{4}{5}$ = ... (as an improper fraction)
9. The number of unit fractions which formed $\frac{3}{8}$ is ....
10. $\frac{1}{10} + 2 + \frac{6}{10}$ =..............................
11. $\frac{7}{12}$ is closer to the benchmark fraction ....
12. $\frac{1}{3} < \frac{1}{\dots\dots}$
13. $\frac{26}{7}$ is called a/an.....................fraction
14. $\frac{10}{\dots\dots}$ = 1
15. $5\frac{1}{2}$ = ... (as an improper fraction)
16. $2 + 1 + \frac{2}{5} + \frac{3}{5}$ ....
17. $1 + \frac{3}{4}$ = ...
18. $1 - \frac{3}{4}$ = ...
19. $4 \times \frac{1}{10}$ = ...
20. $4 + \frac{2}{6}$ = ...
21. $\frac{4}{5} = \frac{28}{\dots\dots}$

(22) $2\frac{3}{9} + 3\frac{2}{3} =$ ....

(23) $\frac{19}{3} =$ .... (as a mixed number)

(24) $\frac{15}{9} - \frac{2}{9} - \frac{4}{9} - \frac{3}{9} =$ ....

(25) $\frac{4}{5} = \frac{\ldots\ldots}{5} + \frac{\ldots\ldots}{5}$

(26) Two fifth = ...

(27) The simplest form of $\frac{3}{9}$ is ....

(28) $5 \times \frac{1}{4} =$ ....

(29) $6\frac{2}{6} + 1\frac{4}{6} =$ ....

(30) $6\frac{2}{5} - 3\frac{2}{10} =$ ....

(31) $3\frac{1}{6} - 1\frac{3}{6} =$ ....

(32) $3 \times \frac{1}{6} = \frac{1}{6} \times$ ....

(33) $3 \times \frac{1}{6} = \frac{1}{6} +$ ....

(34) $5 \times \frac{5}{5} =$ ....

(35) $2 \times \frac{3}{5} =$ ....

(36) $\ldots\ldots\ldots\ldots + \frac{6}{10} + \frac{2}{10} + \frac{9}{10} = 1\frac{9}{10}$

(37) $1 - \frac{2}{6} =$ ....

(38) $\ldots\ldots\ldots\ldots\ldots + \frac{6}{10} + \frac{1}{10} = 1$

(39) $6 - d = 2\frac{3}{8}$ *then* $d =$ ....

(40) $5 - \frac{2}{5} - \frac{1}{5} =$ ....

(41) $\frac{\ldots\ldots}{9} = 1$

(42) Six eighths =..............

(43) $5 - \frac{3}{4}$ =...... ....

(44) one whole = ... fifths .

45. $\frac{6}{7}$ in word form is ....
46. $\frac{3}{9}+\frac{2}{9}+\frac{1}{9}+\frac{3}{9}$ = ...
47. 2 = $\frac{.........}{5}$
48. $\frac{50}{50}=\frac{.........}{4}$
49. $\frac{2}{6}+1+\frac{2}{6}$ = ...
50. $\frac{5}{7}$ decompose as a unit fractions ....

Question 03 Answer the following questions

1. Seif studied MATH for $3\frac{1}{4}$ hours and Science for $2\frac{3}{4}$. How many hours did Seif study in all ?

....

2. MR Mahmoud Elkholy walked $4\frac{1}{7}$ km and his student Ebrahim walked $2\frac{2}{7}$ km . What was the difference between them ?

....

3. Toleen has 3 pens , $\frac{2}{6}$ of them are red . How many red pens are there ?

....

4. Mira ate $1\frac{3}{4}$ of cakes and her sister Retal ate $\frac{6}{4}$ of cakes of the same size . Who ate more cakes ?

....

5. How many $\frac{1}{6}$ long wooden pegs can be cut from a plank is $\frac{5}{6}$ m ?

....

6. Mohamed has 20 cakes . If $\frac{2}{5}$ of them are chocolate and the rest are vanila . What is the number of vanila cakes ?

....

7. Arrange the following in an ascending order . $\frac{5}{10},\frac{5}{6},\frac{5}{4},\frac{5}{7},\frac{5}{9}$

....

8. How many sixths in the number 5 ?

....



9. Write an equation to decompose $\frac{5}{6}$ into a unit fractions.

....

10. Generate 4 equivalent fraction for $\frac{4}{8}$.

....

11. Write the following fraction in a ascending order .

$\frac{3}{5}$, $\frac{1}{5}$, $\frac{2}{5}$, $\frac{6}{5}$

....

12. The day is 24 hours, how many hours are these in third day ?

....

13. Ahmed went to the market and bought $5\frac{1}{7}$ kg of orange and $3\frac{3}{7}$ kg of banana

How many kilograms did he buy ?

....

14. Hady cut a cake into 8 equal parts . He ate one part , what is the fraction of the remainder ?," represent your answer "

....

15. Use the benchmark fraction $0, \frac{1}{2}$ and 1 to arrange the following from the least to the greatest .

$\frac{3}{6}$, $\frac{6}{8}$, $\frac{2}{10}$

....

16. Find three equivalent fraction to $\frac{2}{4}$.

....

انتهت الأسئلة مع اطيب الامنيات بالنجاح والتوفيق

Answers



February Questions Bank



Question 01 choose the correct answer

1. ....is the number above the bar in a fraction .
   - (a) fraction (b) **numerator** (c) denominator (d) proper fraction
2. ....is the number below the bar in a fraction .
   - (a) fraction (b) numerator (c) **denominator** (d) proper fraction
3. ....is the fraction has numerator of 1 .
   - (a) **unit fraction** (b) numerator (c) denominator (d) proper fraction
4. .... Fraction is the fraction its numerator is less than its denominator .
   - (a) unit (b) improper (c) proper (d) **Both a , c**
5. .... Fraction is the fraction its numerator is more than its denominator .
   - (a) unit (b) **improper** (c) denominator (d) proper
6. $\frac{3}{9}$ is a\an .... Fraction .
   - (a) unit (b) improper (c) denominator (d) **proper**
7. $\frac{9}{5}$ is a\an .... Fraction .
   - (a) unit (b) **improper** (c) denominator (d) proper
8. $\frac{1}{5}$ is a\an .... Fraction .
   - (a) unit (b) improper (c) proper (d) **both a,c**
9. $\frac{1}{5}+\frac{2}{5}+\frac{2}{5}=$ ... ...
   - (a) $\frac{4}{5}$ (b) **1** (c) $\frac{2}{5}$ (d) $\frac{6}{5}$
10. $\frac{5}{7}=\cdots$ ... ... + ... + ...
    - (a) $\mathbf{\frac{1}{7}+\frac{2}{7}+\frac{2}{7}}$ (b) $\frac{3}{7}+\frac{2}{7}$ (c) $2+2+2$ (d) $\frac{1}{7}-\frac{2}{7}-\frac{2}{7}$
11. $\frac{3}{7}$ = ...as unit fractions
    - (a) $\mathbf{\frac{1}{7}+\frac{1}{7}+\frac{1}{7}}$ (b) $\frac{1}{7}+\frac{2}{7}$ (c) $1+2$ (d) $\frac{1}{7}-\frac{1}{7}-\frac{1}{7}$

12. $\frac{19}{7}$ = ...as a mixed number .
  - a. $\frac{5}{7}$
  - b. $\frac{7}{19}$
  - c. $5\frac{2}{7}$
  - d. $2\frac{5}{7}$

13. $5\frac{2}{3} =$ ... ... *as an improper fraction* .
  - a. $\frac{15}{3}$
  - b. $\frac{17}{3}$
  - c. $5\frac{3}{2}$
  - d. $\frac{2}{3}$

14. Which fraction equivalent to $\frac{2}{3}$?
  - a. $\frac{3}{2}$
  - b. $\frac{6}{9}$
  - c. $1\frac{1}{3}$
  - d. $\frac{6}{12}$

15. Which fraction equivalent to $\frac{3}{6}$?
  - a. $\frac{6}{12}$
  - b. $\frac{1}{2}$
  - c. $\frac{9}{18}$
  - d. all of them

16. Which of the following is the greatest ?
  - a. $\frac{6}{8}$
  - b. $\frac{6}{9}$
  - c. $\frac{6}{100}$
  - d. 1

17. Which of the following is the greatest ?
  - a. $\frac{6}{12}$
  - b. $\frac{6}{12}$
  - c. $\frac{13}{12}$
  - d. 1

18. Any improper fraction .... 1 .
  - a. more than
  - b. less than
  - c. equal
  - d. both a and c

19. Any proper fraction ....than 1
  - a. more
  - b. less
  - c. equal
  - d. All of them

20. 1 = ...
  - a. $\frac{8}{8}$
  - b. $\frac{6}{6}$
  - c. $\frac{100}{100}$
  - d. All of them

21. $\frac{1}{10} + 2 + \frac{5}{10} = \cdots$ ....
  - a. $2\frac{6}{10}$
  - b. $2\frac{6}{20}$
  - c. $\frac{100}{100}$
  - d. All of them

22. Any mixed number ....than 1 .
  - a. more
  - b. less
  - c. equal
  - d. All of them

23. which of the following is a unit fraction ?
  - a. $\frac{6}{12}$
  - b. $\frac{6}{1}$
  - c. $\frac{1}{12}$
  - d. 1

24. which of the following is an improper fraction ?
  - a. $\frac{6}{12}$
  - b. $\frac{6}{15}$
  - c. $\frac{23}{8}$
  - d. $1\frac{6}{12}$

25. which of the following is a mixed number ?

(a) $\frac{6}{12}$ (b) $\frac{6}{15}$ (c) $\frac{23}{8}$ (d) $1\frac{6}{12}$

26. $\frac{6}{12}+\frac{1}{2}= \cdots \dots \dots$

(a) 1 (b) $\frac{6}{12}$ (c) $\frac{6}{14}$ (d) $1\frac{6}{12}$

27. $\frac{1}{2}+\frac{1}{6}= \cdots \dots$

(a) $\frac{2}{8}$ (b) $\frac{4}{6}$ (c) $\frac{1}{8}$ (d) $1\frac{1}{6}$

28. $\frac{3}{7}+\frac{2}{7}= \cdots \dots$

(a) $\frac{2}{8}$ (b) $\frac{5}{14}$ (c) $\frac{5}{7}$ (d) $1\frac{5}{7}$

29. $\dots \dots + \frac{2}{9} = 1$

(a) $\frac{3}{8}$ (b) $\frac{7}{9}$ (c) $\frac{7}{7}$ (d) 1

30. $\frac{10}{10}$ ……………… $\frac{3}{5}$

(a) > (b) < (c) = (d)

31. Which of the following represents a unit fraction?

(a) $\frac{4}{4}$ (b) $\frac{1}{10}$ (c) $\frac{3}{8}$ (d) $\frac{3}{1}$

32. ………… $< \frac{5}{8}$

(a) $\frac{5}{7}$ (b) $\frac{5}{10}$ (c) $\frac{6}{8}$ (d) $\frac{8}{5}$

33. What is the equivalent fraction to $\frac{6}{12}$?

(a) $\frac{3}{7}$ (b) $\frac{1}{2}$ (c) $\frac{1}{4}$ (d) $\frac{12}{6}$

34. $5-\frac{2}{6}= \cdots ..$

(a) $5\frac{3}{6}$ (b) $\frac{4}{6}$ (c) $\frac{6}{6}$ (d) $4\frac{4}{6}$

35. $5+\frac{6}{10}+\frac{2}{10}+3= \cdots .$

(a) $\frac{8}{10}$ (b) $8\frac{4}{5}$ (c) 9 (d) $8\frac{3}{10}$

36. The fraction which its numerator more than its denominator is ....

(a) Proper fraction (b) Mixed number (c) Improper fraction (d) unit fraction

37. $\ldots . -2\frac{1}{5} = 3\frac{2}{5}$

(a) $\frac{3}{5}$ (b) $1\frac{1}{5}$ (c) 5 (d) $5\frac{3}{5}$

38. $8\frac{1}{6} + \cdots .. = 10\frac{4}{6}$

(a) $\frac{3}{6}$ (b) $18\frac{5}{6}$ (c) 2 (d) $2\frac{1}{2}$

39. $m + 3\frac{1}{2} = 6\frac{8}{12}$ *then* $m = \cdots ..$

(a) $5\frac{5}{12}$ (b) $11\frac{7}{14}$ (c) 5 (d) $5\frac{1}{2}$

40. $3\frac{1}{6} + 1\frac{3}{6} = \cdots \ldots$

(a) $\frac{4}{6}$ (b) $\frac{2}{3}$ (c) $4\frac{4}{6}$ (d) 4

41. which of the following is closer to 1 ?

(a) $\frac{6}{12}$ (b) $\frac{6}{15}$ (c) $\frac{23}{8}$ (d) $\frac{11}{12}$

42. $\frac{7}{10} \ldots \ldots \ldots \frac{.7}{19}$

(a) > (b) < (c) = (d)

43. $\frac{12}{10} \ldots \ldots \ldots . 1$

(a) > (b) < (c) = (d)

44. $5 \ldots \ldots 1\frac{3}{8}$

(a) > (b) < (c) = (d)

45. $\frac{9}{10} \ldots \ldots \ldots . 1$

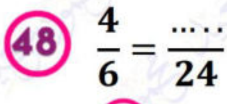
(a) > (b) < (c) = (d)

46. $\frac{7}{10} = \frac{70}{\ldots .}$

(a) 100 (b) 10 (c) 1 (d) 17

47. $\frac{\ldots . .}{6} = \frac{1}{2}$

(a) 3 (b) 6 (c) 2 (d) 1



48. $\frac{4}{6} = \frac{\dots}{24}$

(a) 8 (b) 16 (c) 4 (d) 24

49. $0 \dots \dots \frac{7}{9}$

(a) > (b) < (c) = (d)

50. $\frac{2}{3} \dots \dots \dots \frac{3}{5}$

(a) > (b) < (c) = (d)

51. $\frac{6}{10} \dots \dots \dots \dots \frac{3}{5}$

(a) > (b) < (c) = (d)

52. which of the following is closer to $\frac{1}{2}$?

(a) $\frac{6}{11}$ (b) $\frac{1}{9}$ (c) $\frac{0}{5}$ (d) $\frac{11}{13}$

53. $1 + \frac{5}{7} = \dots \dots$

(a) $\frac{1}{2}$ (b) $\frac{9}{7}$ (c) $\frac{7}{7}$ (d) $1\frac{5}{7}$

54. $\frac{7}{7} \times \frac{2}{7} = \dots$

(a) $\frac{2}{7}$ (b) $\frac{2}{14}$ (c) $\frac{2}{49}$ (d) $1\frac{2}{7}$

55. $\frac{3}{5} + \frac{3}{5} + \frac{3}{5} + \frac{3}{5} = \dots \dots$

(a) $\frac{3}{5} \times 4$ (b) $\frac{12}{5}$ (c) $2\frac{2}{5}$ (d) All of them

56. $3 \times \frac{1}{5} = \dots \dots \dots$

(a) $\frac{3}{5} \times 1$ (b) $\frac{5}{3}$ (c) $\frac{1}{15}$ (d) 15

57. $\frac{5}{7} \dots \dots \frac{3}{5}$

(a) > (b) < (c) = (d)

58. which of the following is closer to 0 ?

(a) $\frac{2}{12}$ (b) $\frac{1}{2}$ (c) $\frac{6}{0}$ (d) $\frac{11}{12}$

59. $\frac{3}{7} \dots \dots \frac{9}{7}$

(a) > (b) < (c) = (d)

Question 02 Complete

1. $\frac{1}{10} + \cdots \frac{6}{10} \ldots = \frac{7}{10}$
2. $5 - 3\frac{1}{6} = \cdots 1\ \frac{5}{6} \ldots$
3. $\frac{\ldots 16 \ldots}{8} = 2$
4. $1\frac{1}{5} + 4\frac{4}{5} = \cdots \ldots 6. \ldots$
5. The benchmark of the fraction $\frac{1}{6}$ is ....0...........
6. $2 - \frac{1}{3} - \frac{1}{3} = \cdots 1\ \frac{1}{3} \ldots$
7. Three eighths =....$\frac{3}{8}$.......
8. $3\frac{4}{5} = \cdots \frac{19}{5} \ldots$ (as an improper fraction)
9. The number of unit fractions which formed $\frac{3}{8}$ is ....3.....
10. $\frac{1}{10} + 2 + \frac{6}{10} = \cdots 2\ \frac{7}{10} \ldots$
11. $\frac{7}{12}$ is closer to the benchmark fraction ...... $\frac{1}{2}$.........
12. $\frac{1}{3} < \frac{1}{\ldots 2 \ldots}$
13. $\frac{26}{7}$ is called a/an...improper.......fraction
14. $\frac{10}{\ldots 10 \ldots} = 1$
15. $5\frac{1}{2} = \ldots \frac{11}{2} \ldots$ (as an improper fraction)
16. $2 + 1 + \frac{2}{5} + \frac{3}{5} = \ldots 4 \ldots$
17. $1 + \frac{3}{4} = \ldots 1\frac{3}{4} \ldots$
18. $1 - \frac{3}{4} = \ldots \frac{1}{4} \ldots$
19. $4 \times \frac{1}{10} = \ldots \frac{4}{10} \ldots$
20. $4 + \frac{2}{6} = \ldots 4\frac{1}{3} \ldots$
21. $\frac{4}{5} = \frac{28}{\ldots 35 \ldots}$



(22) $2\frac{3}{9} + 3\frac{2}{3} =$ ......6.....

(23) $\frac{19}{3} =$ ......$6\frac{1}{3}$...... (as a mixed number)

(24) $\frac{15}{9} - \frac{2}{9} - \frac{4}{9} - \frac{3}{9} =$ ....$\frac{6}{9}$.........

(25) $\frac{4}{5} = \frac{2}{5} + \frac{2}{5}$

(26) Two fifth = ...$\frac{2}{5}$.....

(27) The simplest form of $\frac{3}{9}$ is ....$\frac{1}{3}$ ... .

(28) $5 \times \frac{1}{4} =$ ......$\frac{5}{4} = 1\frac{1}{4}$........

(29) $6\frac{2}{6} + 1\frac{4}{6} = \cdots$ ... 8 ...

(30) $6\frac{2}{5} - 3\frac{2}{10} = \cdots 3\frac{1}{5}$ ..

(31) $3\frac{1}{6} - 1\frac{3}{6} = \cdots 1\frac{4}{6}$ ...

(32) $3 \times \frac{1}{6} = \frac{1}{6} \times$ ... 3 ...

(33) $3 \times \frac{1}{6} = \frac{1}{6} + \cdots \frac{2}{6}$ ...

(34) $5 \times \frac{5}{5} = \cdots$ 5..

(35) $2 \times \frac{3}{5} = \cdots 1\frac{1}{5}$ ...

(36) ... $\frac{2}{10}$ .. $+ \frac{6}{10} + \frac{2}{10} + \frac{9}{10} = 1\frac{9}{10}$

(37) $1 - \frac{2}{6} = \cdots \frac{4}{6}$ ... ..

(38) ... $\frac{3}{10}$ ... $+ \frac{6}{10} + \frac{1}{10} = 1$

(39) $6 - d = 2\frac{3}{8}$ $then\ d = \cdots 3\frac{5}{8}$ ..

(40) $5 - \frac{2}{5} - \frac{1}{5} = \cdots 4\frac{2}{5}$ ...

(41) $\frac{9}{9} = 1$

(42) Six eights =.....$\frac{6}{8}$.....

(43) $5 - \frac{3}{4}$ =..... $4\frac{1}{4}$....

(44) one whole = ...5...... fifths .

45. $\frac{6}{7}$ in word form is .... six sevenths........

46. $\frac{3}{9}+\frac{2}{9}+\frac{1}{9}+\frac{3}{9}$ = ...1...........

47. $2 = \frac{......10........}{5}$

48. $\frac{50}{50} = \frac{......4......}{4}$

49. $\frac{2}{6}+1+\frac{2}{6}$ = ...$1\frac{4}{6}$...

50. $\frac{5}{7}$ decompose as a unit fractions ..... $\frac{1}{7}+\frac{1}{7}+\frac{1}{7}+\frac{1}{7}+\frac{1}{7}$.........



Question 03 Answer the following questions

1. Seif studied MATH for $3\frac{1}{4}$ hours and Science for $2\frac{3}{4}$. How many hours did Seif study in all ?

   $3\frac{1}{4}+2\frac{3}{4}=5\frac{4}{4}=6\ hours$

2. MR Mahmoud Elkholy walked $4\frac{1}{7}$ km and his student Ebrahim walked $2\frac{2}{7}$ km . What was the difference between them ?

   $4\frac{1}{7}-2\frac{2}{7}=1\frac{6}{7}\ km$

3. Toleen has 3 pens , $\frac{2}{6}$ of them are red . How many red pens are there ?

   $\frac{2}{6}\times 3=1\ pen$

4. Mira ate $1\frac{3}{4}$ of cakes and her sister Retal ate $\frac{6}{4}$ of cakes of the same size . Who ate more cakes ?

   $1\frac{3}{4}>\frac{6}{4}$, *then mira ate more*

5. How many $\frac{1}{6}$ long wooden pegs can be cut from a plank is $\frac{5}{6}$ m ?

   $\frac{5}{6}-\frac{1}{6}+\frac{1}{6}+\frac{1}{6}+\frac{1}{6}+\frac{1}{6}$, *then the answer is 5*

6. Mohamed has 20 cakes . If $\frac{2}{5}$ of them are chocolate and the rest are vanila . What is the number of vanila cakes ?

   $chocolate=\frac{2}{5}\times 20=8\ cakes$

   $vanila=20-8=12\ cakes$

7. Arrange the following in an ascending order . $\frac{5}{10},\frac{5}{6},\frac{5}{4},\frac{5}{7},\frac{5}{9}$

   $\frac{5}{10},\frac{5}{9},\frac{5}{7},\frac{5}{6},\frac{5}{4}$

8. How many sixths in the number 5 ?

$5 \times 6 = 30$ sixths

9. Write an equation to decompose $\frac{5}{6}$ into a unit fractions.

$\frac{5}{6}$......=.........$\frac{1}{6}$.........+...$\frac{1}{6}$...........+.........$\frac{1}{6}$.........+...$\frac{1}{6}$.........+...$\frac{1}{6}$.....

10. Generate 4 equivalent fraction for $\frac{4}{8}$.

......$\frac{1}{2}$ .... , ...$\frac{3}{6}$ .... , $\frac{9}{18}$, ...$\frac{18}{36}$ ....

11. Write the following fraction in a ascending order .

$\frac{3}{5}$, $\frac{1}{5}$, $\frac{2}{5}$, $\frac{6}{5}$

$\frac{1}{5}$, $\frac{2}{5}$, $\frac{3}{5}$, $\frac{6}{5}$

12. The day is 24 hours, how many hours are these in third day ?

$24 \times \frac{1}{3}$ = 8 hours

13. Ahmed went to the market and bought $5\frac{1}{7}$ kg of orange and $3\frac{3}{7}$ kg of banana

How many kilograms did he buy ?

$5\frac{1}{7} + 3\frac{3}{7} = 8\frac{4}{7}$ kg

14. Hady cut a cake into 8 equal parts . He ate one part , what is the fraction of the remainder ?," represent your answer "

$\frac{7}{8}$

15. Use the benchmark fraction $0, \frac{1}{2}$ *and* 1 to arrange the following from the least to the greatest .

$\frac{3}{6}$, $\frac{6}{8}$, $\frac{2}{10}$

$\frac{2}{10}$, $\frac{3}{6}$, $\frac{6}{8}$

16. Find three equivalent fraction to $\frac{2}{4}$.

$\frac{1}{2}$, $\frac{3}{6}$, $\frac{4}{8}$

انتهت الأسئلة مع اطيب الامنيات بالنجاح والتوفيق



Q1: Choose the correct answer:

1 Three-tenths = ...

a) $\frac{10}{3}$ b) $\frac{3}{10}$ c) $\frac{5}{10}$ d) 30

2 .... + $\frac{1}{8}$ = $\frac{1}{2}$

a) $\frac{1}{8}$ b) $\frac{2}{8}$ c) $\frac{2}{10}$ d) $\frac{3}{8}$

3 $\frac{....}{7}$ = 1

a) 1 b) 7 c) 14 d) 21

4 The numerator of the fraction $\frac{5}{9}$ is ....

a) 5 b) 9 c) 14 d) 4

5 $4\frac{5}{9}$ is called a/an ....

a) whole number b) proper fraction c) mixed number d) improper fraction

6 $\frac{7}{7}$ = ...

a) sevenths b) seven-sixths c) whole number d) seven

7 .... - eighths = $\frac{7}{8}$

a) Eight b) Three c) Six d) seven

8 .... = $\frac{1}{3} + \frac{1}{3} + \frac{1}{3}$

a) $\frac{3}{9}$ b) $\frac{1}{9}$ c) $\frac{1}{3}$ d) 1

9 Which of the following represents unit fraction?

a) $\frac{1}{9}$ b) $\frac{2}{5}$ c) $\frac{3}{4}$ d) 4

10 $4\frac{2}{3}$ = ... [as improper fraction]

a) $\frac{12}{3}$ b) $\frac{14}{3}$ c) $\frac{14}{4}$ d) 14











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11 $\frac{13}{9}$ is called a/an ....

ⓐ whole number ⓑ proper fraction ⓒ mixed number ⓓ improper fraction

12 $\frac{4}{7}$ = ...

ⓐ $\frac{3}{7} + \frac{2}{7}$ ⓑ $\frac{1}{7} + \frac{2}{7} + \frac{1}{7}$ ⓒ $7 + 4$ ⓓ $\frac{1}{7} + \frac{1}{7} + \frac{1}{7}$

13 $\frac{3}{9} + \frac{3}{9} + \frac{3}{9}$ = ...

ⓐ $\frac{9}{27}$ ⓑ $\frac{3}{27}$ ⓒ $\frac{27}{9}$ ⓓ 1

14 $\frac{10}{8}$ = ... [as a mixed number]

ⓐ $1\frac{1}{2}$ ⓑ $2\frac{1}{4}$ ⓒ $1\frac{1}{4}$ ⓓ $2\frac{1}{2}$

15 .... < $\frac{5}{9}$

ⓐ $\frac{5}{8}$ ⓑ $\frac{5}{7}$ ⓒ $\frac{5}{4}$ ⓓ $\frac{5}{10}$

16 .... + $3\frac{3}{7} = 5\frac{1}{7}$

ⓐ $4\frac{4}{7}$ ⓑ $2\frac{2}{7}$ ⓒ $1\frac{2}{7}$ ⓓ $1\frac{5}{7}$

17 $2\frac{3}{8}$ + ... = 3

ⓐ $1\frac{5}{8}$ ⓑ $1\frac{3}{8}$ ⓒ $\frac{5}{8}$ ⓓ $\frac{3}{8}$

18 4 − .... = $1\frac{2}{3}$

ⓐ $3\frac{1}{3}$ ⓑ $2\frac{2}{3}$ ⓒ $2 + \frac{1}{3}$ ⓓ $3 + \frac{2}{3}$

19 .... − $2\frac{5}{9} = 2\frac{7}{9}$

ⓐ $4\frac{2}{9}$ ⓑ $5\frac{1}{3}$ ⓒ $4\frac{1}{3}$ ⓓ $5\frac{4}{9}$

20 Improper fraction ☐ whole number

ⓐ > ⓑ < ⓒ = ⓓ otherwise

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21 $3 + \frac{6}{9} + 2 + \frac{5}{9} =$ ....

ⓐ $5\frac{2}{9}$ ⓑ $6\frac{2}{9}$ ⓒ $4\frac{9}{11}$ ⓓ $5\frac{9}{11}$

22 $7 -$ .... $= 3\frac{1}{4}$

ⓐ $4\frac{4}{3}$ ⓑ $4\frac{1}{4}$ ⓒ $3\frac{3}{4}$ ⓓ $5\frac{9}{11}$

23 $\frac{5}{5}$ ☐ $\frac{5}{4}$

ⓐ $>$ ⓑ $<$ ⓒ $=$ ⓓ otherwise

24 The fraction $\frac{5}{9}$ is closer to ....

ⓐ zero ⓑ $\frac{1}{2}$ ⓒ $\frac{1}{4}$ ⓓ 1

25 ▮▮▮ + ▯▯▯ + ▮▮▮ + ▯▮▮ = ...

ⓐ $1\frac{3}{9}$ ⓑ $2\frac{3}{6}$ ⓒ 4 ⓓ 3

26 Which relation is correct?

ⓐ $\frac{7}{5} > \frac{9}{5}$ ⓑ $\frac{8}{7} > \frac{8}{5}$ ⓒ $\frac{7}{4} < \frac{7}{6}$ ⓓ $\frac{8}{7} < \frac{8}{5}$

27 Which of the following fractions is equal to $\frac{1}{2}$?

ⓐ $\frac{4}{7}$ ⓑ $\frac{2}{8}$ ⓒ $\frac{2}{10}$ ⓓ $\frac{8}{9}$

28 Which of the following fractions is greater than $\frac{1}{2}$?

ⓐ $\frac{4}{9}$ ⓑ $\frac{5}{8}$ ⓒ $\frac{3}{10}$ ⓓ $\frac{1}{9}$

29 Which of the following fractions is closer to 1?

ⓐ $\frac{4}{9}$ ⓑ $\frac{1}{4}$ ⓒ $\frac{6}{10}$ ⓓ $\frac{7}{8}$

30 $\frac{3}{8} \times \frac{....}{....} = \frac{3}{8}$

ⓐ $\frac{1}{2}$ ⓑ $\frac{2}{3}$ ⓒ $\frac{10}{10}$ ⓓ $\frac{3}{8}$



31 Which of the following shows the identity property of multiplication ?

ⓐ $\frac{1}{3} \times 1$ ⓑ $\frac{3}{10} \times \frac{10}{3}$ ⓒ $\frac{5}{10} + 0$ ⓓ 30×0

32 $\frac{7}{9} \times$ .... $= \frac{7}{9}$

ⓐ $\frac{7}{9}$ ⓑ $\frac{9}{7}$ ⓒ $\frac{7}{7}$ ⓓ 7

33 The fraction $\frac{1}{4}$ is equivalent to ....

ⓐ $\frac{3}{9}$ ⓑ $\frac{4}{16}$ ⓒ $\frac{2}{10}$ ⓓ $\frac{5}{25}$

34 Use the fraction wall.
then $\frac{3}{4} = \frac{....}{....}$

$\frac{1}{4}$		$\frac{1}{4}$		$\frac{1}{4}$		$\frac{1}{4}$	
$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$

ⓐ $\frac{3}{5}$ ⓑ $\frac{3}{8}$ ⓒ $\frac{6}{8}$ ⓓ $\frac{2}{8}$

35 $\frac{1}{3} + \frac{1}{3} + \frac{1}{3} =$ ....

ⓐ $\frac{4}{3}$ ⓑ $\frac{1}{3} \times 3$ ⓒ $\frac{3}{9}$ ⓓ $\frac{1}{9}$

Q2: Complete the following:

1 Four-fifth = ... + ... + ... + ...

2 Seven-thirds = $\frac{....}{....}$ = ... $\frac{....}{....}$

3 $\frac{4}{7} + \frac{1}{7} +$ ...... = 1

4 .... + ... + ... = 1

5 $\frac{....}{4} = 4$

6 $2\frac{5}{6}$ = ... [as improper fraction]

7 $\frac{8}{3}$ = ... [as mixed number]

8 $\frac{23}{....} = 4\frac{3}{....}$

9 $3\frac{1}{5} + 1\frac{4}{5}$ = ... = ...

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10 $4\frac{5}{8} + 5\frac{7}{8}$ = ... = ...

11 $7\frac{2}{5} - 5\frac{4}{5}$ = ...

12 $7 - 1\frac{5}{6}$ = ...

13 By using opposite model, $3 - \frac{3}{4}$ = ...

14 The mixed number that represents the opposite model is ....

15 $3 + \frac{4}{9} + \frac{5}{9} + \frac{7}{9}$ = ... = ...

16 .... − $4\frac{3}{8}$ = $5\frac{1}{8}$

17 12 − .... = $5\frac{4}{5}$

18 $\frac{27}{9}$ is called a/an ....

19 $1 - \frac{1}{7} - \frac{3}{7}$ = ...

20 The numerator of improper fraction is .... than its denominator.

21 $\frac{3}{5} = \frac{....}{....} = \frac{....}{....} = \frac{....}{....}$

22 $\frac{1}{2}$ x .... = $\frac{1}{2}$

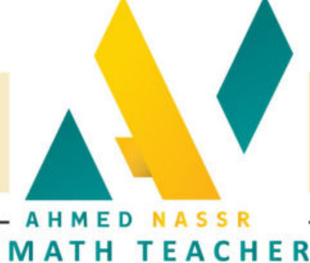
23 $\frac{7}{9}$ x .... = 0

24 $\frac{3}{4} \times \frac{5}{5}$ = ...

25 By using bechmark, $\frac{4}{7}$ is closer to ....

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Q3: Answer the following:

1 Omar has a pizza divided into 8 equal pieces. He ate a part of it and 2 pieces were left.
How many pieces did Oamr eat? ....

2 Decompose the following fractions using unit fractions:

A] $\frac{3}{5}$ B] $\frac{2}{7}$ C] $\frac{4}{9}$ D] $\frac{4}{4}$

3 Farida needs a full bottle of milk. If she has a bottle $\frac{5}{7}$ full
How much milk will she need to have a full bottle? ....

4 Hanen has $3\frac{2}{3}$ cake, she gave $1\frac{1}{3}$ to her brother Adam.
How many cakes left does she has ? ....

5 Order the following fractions in an ascending order: $\frac{7}{4}$, $\frac{7}{8}$, $\frac{7}{11}$, $\frac{7}{2}$, $\frac{7}{7}$

....

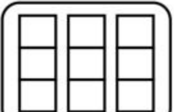
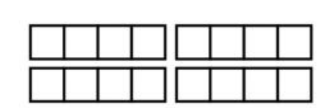
6 Write weather the fraction is closest to 0 , $\frac{1}{2}$ or 1

A] $\frac{3}{5}$ B] $\frac{1}{7}$ C] $\frac{8}{10}$ D] $\frac{5}{7}$

7 Mazen has 5 L.E, He bought a pen for $1\frac{1}{4}$ L.E and ruler for $2\frac{3}{4}$ L.E.
How much money is left with him? ....

8 Mona bought $2\frac{2}{5}$ kg of fruits and $3\frac{4}{5}$ kg of vegetables.
What is the total mass of the items she bought? ....

8 By using models: Answer the following:

A] $2\frac{1}{3} + 1\frac{1}{3}$  B] $3\frac{3}{4} - 1\frac{1}{4}$ 

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Choose the correct answer.

1. Which of the following represents a unit fraction?

A. $\frac{7}{4}$ B. $\frac{7}{7}$ C. $\frac{4}{7}$ D. $\frac{1}{7}$

2. Which of the following shows the fractions ordered from the greatest to the least?

A. $\frac{6}{12}, \frac{5}{6}, \frac{3}{10}$ B. $\frac{5}{6}, \frac{6}{12}, \frac{3}{10}$ C. $\frac{3}{10}, \frac{6}{12}, \frac{5}{6}$ D. $\frac{6}{12}, \frac{3}{10}, \frac{5}{6}$

3. $\frac{5}{\dots} = 1$

A.2 B.3 C.5 D.10

4. Which of the following is true?

A. $\frac{5}{15} = \frac{1}{3}$ B. $\frac{1}{16} = \frac{3}{18}$ C. $\frac{7}{8} = \frac{8}{7}$ D. $\frac{3}{13} = \frac{4}{4}$

5. $\frac{7}{12} \bigcirc \frac{10}{10}$

A.> B.< C.=

6. Which of the following shows the identity property of multiplication?

A. 0×4 B. $\frac{2}{3} \times 1$ C. $\frac{4}{5} \times \frac{5}{4}$ D. $\frac{5}{7} + 0$

7. Five eighths=..........

A. $\frac{5}{8}$ B. $\frac{5}{13}$ C. $\frac{8}{5}$ D. $\frac{8}{13}$

8. Which of the following fractions is greater than $\frac{1}{2}$?

A. $\frac{2}{4}$ B. $\frac{2}{6}$ C. $\frac{5}{8}$ D. $\frac{10}{20}$

9. Which of the following sentences is not true?

A. $\frac{2}{5} > \frac{4}{5}$ B. $\frac{1}{6} < \frac{3}{6}$ C. $\frac{6}{7} < \frac{7}{7}$ D. $\frac{5}{8} > \frac{3}{8}$

10. $\frac{1}{5} = \frac{\square}{\square}$

A. $\frac{4}{10}$ B. $\frac{3}{10}$ C. $\frac{2}{10}$ D. $\frac{1}{10}$

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(11) $\frac{8}{9}$ is closer than benchmark fraction ....

A. 2 B. 1 C. 0 D. $\frac{1}{2}$

(12) Which choice shows the fractions in a descending order?

A. $\frac{3}{10}$, $\frac{3}{9}$, $\frac{3}{7}$, $\frac{3}{5}$, $\frac{3}{3}$

B. $\frac{3}{5}$, $\frac{3}{7}$, $\frac{3}{9}$, $\frac{3}{10}$, $\frac{3}{3}$

C. $\frac{3}{3}$, $\frac{3}{5}$, $\frac{3}{7}$, $\frac{3}{9}$, $\frac{3}{10}$

D. $\frac{3}{3}$, $\frac{3}{10}$, $\frac{3}{9}$, $\frac{3}{7}$, $\frac{3}{5}$

(13) $\frac{17}{6}$ is called a/an ....

A. Proper fraction B. Improper fraction C. Mixed number D. Unit fraction

(14) Which of the following is equal to $\frac{1}{2}$?

A. $\frac{4}{7}$ B. $\frac{5}{10}$ C. $\frac{6}{3}$ D. $\frac{8}{8}$

(15) $6 - 3\frac{1}{4} =$ ....

A. $3\frac{1}{4}$ B. $9\frac{1}{4}$ C. $2\frac{3}{4}$ D. $2\frac{1}{4}$

(16) Which equation is not a correct decomposition of $\frac{10}{11}$?

A. $\frac{1}{11} + \frac{2}{11} + \frac{3}{11} + \frac{4}{11} = \frac{10}{11}$

B. $\frac{5}{11} + \frac{5}{11} = \frac{10}{11}$

C. $\frac{1}{11} + \frac{2}{11} + \frac{8}{11} = \frac{10}{11}$

D. $\frac{1}{11} + \frac{2}{11} + \frac{2}{11} + \frac{2}{11} + \frac{3}{11} = \frac{10}{11}$

(17) numerator of the fraction $\frac{5}{9}$ is.........

A. 9 B. 4 C. 5 D. 14

(18) Which of the following is not a unit fraction?

A. $\frac{1}{3}$ B. $\frac{2}{7}$ C. $\frac{1}{5}$ D. $\frac{1}{4}$

(19) What is the equivalent fraction to $\frac{1}{3}$?

A. $\frac{2}{6}$ B. $\frac{4}{6}$ C. $\frac{2}{8}$ D. $\frac{1}{9}$

(20) $\frac{5}{7} <$ ....

A. 1 B. $\frac{3}{7}$ C. $\frac{1}{2}$ D. $\frac{1}{9}$

(21) $\frac{3}{9} + \frac{1}{9} + 2 =$ ....

A. $2\frac{4}{9}$ B. $2\frac{4}{18}$ C. $\frac{6}{9}$ D. $2\frac{3}{9}$

22. $1\frac{4}{7} + 5\frac{2}{7} =$ ....

A. $6\frac{6}{14}$ B. $6\frac{8}{7}$ C. $6\frac{6}{7}$ D. $7\frac{6}{7}$

23. $5\frac{1}{4} =$ ....

A. $\frac{20}{4}$ B. $\frac{22}{4}$ C. $\frac{21}{4}$ D. $\frac{19}{4}$

24. .... $< \frac{5}{9}$

A. $\frac{5}{8}$ B. $\frac{5}{7}$ C. $\frac{6}{9}$ D. $\frac{5}{10}$

25. $5 - 2\frac{1}{5} =$ ....

A. $2\frac{1}{5}$ B. $3\frac{1}{5}$ C. $2\frac{4}{5}$ D. $2\frac{3}{5}$

26. $\frac{13}{7}$ ◯ $\frac{13}{5}$ ....

A. $>$ B. $<$ C. $=$

27. $\frac{3}{7}$ is equivalent to ....

A. $\frac{6}{21}$ B. $\frac{9}{14}$ C. $\frac{9}{21}$ D. $\frac{9}{28}$

28. $\frac{1}{5} + \frac{1}{5} + \frac{1}{5} =$ ....

A. $\frac{3}{5}$ B. $\frac{3}{15}$ C. $\frac{1}{15}$ D. $\frac{3}{25}$

29. $\frac{9}{5}$ is a/an........fraction.

A.Unit B.Improper C.Denominator D.Proper

30. $\frac{2}{3}$ is ....

A.a unit fraction B.a mixed number C.an improper fraction D.a proper fraction

31. $\frac{3}{4} = \frac{....}{8}$

A.2 B.4 C.6 D.8

32. Which of the following has the same value as $\frac{5}{7}$?

A. $\frac{1}{7} + \frac{1}{7} + \frac{1}{7} + \frac{1}{7}$

B. $\frac{1}{5} + \frac{1}{5} + \frac{1}{5} + \frac{1}{5} + \frac{1}{5} + \frac{1}{5} + \frac{1}{5}$

C. $\frac{1}{7} + \frac{1}{7} + \frac{1}{7} + \frac{1}{7} + \frac{1}{7}$

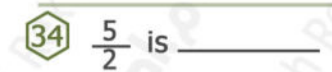
D. $\frac{1}{7} + \frac{2}{7} + \frac{3}{7} + \frac{4}{7} + \frac{5}{7}$

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Choose the correct answer.

33) $\frac{6}{....} = 2$

A. 1 B. 2 C. 3 D. 4



34) $\frac{5}{2}$ is ________

A. a unit fraction B. a proper fraction C. a mixed number D. an improper fraction

35) The fraction $\frac{5}{6}$ is equivalent to

A. $\frac{10}{6}$ B. $\frac{10}{18}$ C. $\frac{25}{30}$ D. $\frac{5}{12}$

36) which of the following fraction is the greatest?

A. $\frac{2}{5}$ B. $\frac{2}{7}$ C. $\frac{2}{3}$ D. $\frac{2}{9}$

37) $\frac{3}{7}$ > ________

A. $\frac{5}{8}$ B. $\frac{2}{7}$ C. $\frac{2}{3}$ D. $\frac{7}{8}$

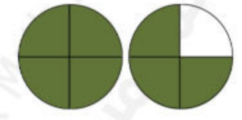
38) 1 = ________

A. $\frac{5}{7}$ B. $\frac{7}{7}$ C. $\frac{1}{2}$ D. $\frac{1}{10}$

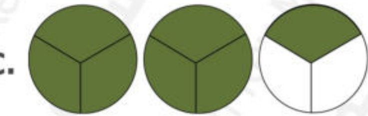
39) $\frac{20}{7}$ =.......... { as a mixed number}

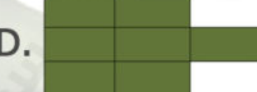
A. $3\frac{1}{7}$ B. $2\frac{6}{7}$ C. $2\frac{1}{7}$ D. $1\frac{6}{7}$

40) The Correct model which represents the improper fraction $\frac{7}{6}$ is ________

A. 

B. 

C. 

D. 

41) $\frac{3}{9}$ is a\an .... Fraction

A. unite B. improper C. denominator D. proper

Choose the correct answer.

42) $\frac{5}{7}$ = ...+.......+.......

A. $\frac{1}{7}+\frac{2}{7}+\frac{2}{7}$ B. $\frac{3}{7}+\frac{2}{7}$ C. 1+2+2 D. $\frac{1}{7}-\frac{2}{7}-\frac{2}{7}$

43) which of the following is the greatest?

A. $\frac{6}{8}$ B. $\frac{6}{9}$ C. $\frac{6}{100}$ D. 1

44) $\frac{7}{100}$ .... $\frac{7}{10}$

A. < B. > C. = D.

45) $\frac{1}{10}+2+\frac{5}{10}$

A. $2\frac{6}{10}$ B. $2\frac{6}{20}$ C. $\frac{100}{100}$ D. All of them

46) $\frac{...}{10}=\frac{60}{100}$

A. 10 B. 60 C. 6 D. $\frac{6}{10}$

47) ....+$\frac{6}{10}+\frac{2}{10}=\frac{9}{10}$

A. $\frac{3}{20}$ B. $\frac{1}{10}$ C. $\frac{10}{10}$ D. $1\frac{3}{10}$

48) .... Which numerator is less than denominator

A. Proper B. Improper C. Mixed D. Whole No

49) The equivalent fraction of $\frac{4}{5}$ is ....

A. $\frac{1}{5}$ B. $\frac{8}{5}$ C. $\frac{2}{5}$ D. $\frac{8}{10}$

50) The number of unit fraction which formed $\frac{4}{5}$ equals

A. 5 B. 3 C. 4 D. 1

51) $\frac{1}{10}$ +..........= $\frac{15}{100}$

A. $\frac{5}{100}$ B. $\frac{14}{10}$ C. $\frac{14}{90}$ D. $\frac{50}{100}$

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Choose the correct answer.

52) $\frac{11}{8}$ .... $\frac{13}{8}$

A. < B. > C. = D. Otherwise

53) The mixed number of the following is ....

A. $12\frac{4}{9}$ B. $\frac{9}{4}$ C. $\frac{18}{36}$ D. $\frac{17}{4}$

54) $\frac{2}{4}$ .... $\frac{1}{2}$

A. < B. > C. = D. Otherwise

55) $1\frac{1}{4} + \frac{3}{4}$

A. $2\frac{1}{4}$ B. 2 C. $2\frac{1}{4}$ D. 4

56) $\frac{?}{22} = \frac{1}{2}$

A. 10 B. 11 C. 12 D. 20

57) Which of the following mixed numbers is equal to $\frac{6}{5}$?

A. $1\frac{1}{2}$ B. $1\frac{1}{5}$ C. $1\frac{1}{12}$ D. $1\frac{1}{6}$

58) $\frac{7}{12}$ is closer to the benchmark fraction

A. 1 B. $\frac{1}{2}$ C. $\frac{1}{4}$ D. 0

59) The nearest fraction to $\frac{1}{2}$ is ....

A. $\frac{1}{8}$ B. $\frac{8}{8}$ C. $\frac{5}{8}$ D. $\frac{2}{8}$

60) The improper fraction of the following is ....

A. $\frac{11}{8}$ B. $\frac{2}{3}$ C. $\frac{7}{9}$ D. $2\frac{5}{7}$

61) $\frac{1}{....} < \frac{1}{5}$

A. 4 B. 6 C. 3 D. 2

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Choose the correct answer.

62) $5 - 3\frac{1}{6} = ...$

A. $\frac{7}{6}$ B. $\frac{11}{6}$ C. $\frac{4}{6}$ D. 2

63) The expression which equivalent to $\frac{3}{3}$ is ....

A. $\frac{1}{3}+\frac{1}{3}+\frac{1}{3}$ B. $\frac{1}{4}+\frac{1}{4}+\frac{1}{4}$ C. $\frac{1}{3}+\frac{2}{3}+\frac{3}{3}$ D. $\frac{1}{3}+\frac{4}{3}$

64) .... $< \frac{4}{9}$

A. $\frac{8}{9}$ B. $\frac{5}{9}$ C. $\frac{1}{9}$ D. 1

65) $3 + \frac{2}{5} + \frac{1}{5} + 1 =$

A. $2\frac{3}{5}$ B. $2\frac{1}{5}$ C. $\frac{7}{5}$ D. $4\frac{3}{5}$

66) $\frac{?}{4} = \frac{8}{16}$

A. 4 B. 32 C. 8 D. 2

67) The proper fraction of the following is.........

A. $\frac{8}{3}$ B. $\frac{11}{8}$ C. $\frac{7}{9}$ D. $2\frac{5}{7}$

68) The unit fraction of the following is ....

A. $\frac{9}{10}$ B. $\frac{2}{5}$ C. $\frac{1}{8}$ D. $\frac{5}{2}$

69) $\frac{4}{10}+\frac{2}{100} = ...$

A. $\frac{6}{100}$ B. $\frac{6}{110}$ C. $\frac{42}{100}$ D. $\frac{60}{100}$

70) Which Relation is correct?

A. $\frac{7}{12} > \frac{7}{9}$ B. $\frac{7}{15} > \frac{7}{9}$

C. $\frac{7}{8} < \frac{7}{10}$ D. $\frac{7}{13} < \frac{7}{11}$

Complete.

1. $\frac{\dots\dots}{5} = 2$

2. $\frac{15}{\dots\dots} = 5$

3. $1+2+\frac{1}{5}+\frac{3}{5}+\frac{4}{5} = \dots\dots$

4. $2-\frac{1}{3}-\frac{1}{3} = \dots\dots$

5. $\dots\dots - 2\frac{1}{4} = 3\frac{2}{4}$

6. $4\frac{4}{5} - \dots\dots = 1\frac{1}{5}$

7. $\dots\dots + 1\frac{1}{7} = 3$

8. $4 - \dots\dots = 3\frac{1}{4}$

9. $\frac{3}{4} \times \frac{3}{3} = \dots\dots$

10. The fraction $\frac{1}{6}$ is nearest benchmark fraction ....

11. $6 - 5\frac{1}{4} = \dots\dots$

12. $\frac{2}{5} < \frac{2}{\dots}$

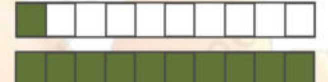
13. $4 - \frac{3}{7} = \dots\dots$

14. $\frac{5}{2} = \dots\dots$ as mixed number

15. The number of unit fraction which formed $\frac{3}{6}$ equals ....

16) $2\frac{3}{4}$ = ... as improper fraction

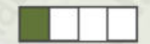
17) The mixed number which represents the opposite mode



18) $\frac{1}{.......} = \frac{5}{15}$

19) $\frac{5}{12} + \frac{2}{12} + \frac{6}{12}$ = ... (in simplest form)

20) The proper fraction has the numerator ...... than the denominator.

21) The unit fraction that represents the shaded part is .... 

22) number of halves in the whole one is ....

23) $1\frac{50}{100} = 1\frac{....}{10}$

24) Three quarters = ...

25) The number of unit fractions in $\frac{1}{6}$ is ....

26) One whole = ... fourths

27) $\frac{7}{7} = \frac{5}{....}$

28) $\frac{1}{6} + \frac{2}{6}$ + ... = 1

29) $\frac{43}{5}$ = ... [as a mixed number]

30) The improper fraction has the numerator ...... than the denominator.

Answer the following questions:

1. Ahmed has a number of seeds. On Friday he planted $\frac{3}{9}$ of them ,and he planted $\frac{5}{9}$ of them on Saturday. What fraction represents the seeds that Ahmed planted in both of the two days?

....

2. Waleed ate $2\frac{3}{8}$ of cakes and Ali ate $1\frac{1}{8}$ of cakes of the same size,what is the difference between what Waleed ate and Ali ate?

....

3. Salma went to market and bought $3\frac{1}{8}$ kg of banana and $1\frac{5}{8}$ kg of apple. How many kilograms did Salma buy?

....

4. Hani drank $1\frac{3}{8}$ liter of water,and Samir drank $1\frac{5}{8}$ liter of water. What is the total liters that Hani and Sami drank?

....

5. Seif studied Math for $1\frac{1}{4}$ hour and science for $\frac{3}{4}$ hour. How many hours did Seif study in all ?

....

6. Ahmed ate whole orange, Doaa ate $\frac{1}{6}$ orange ,and Nahed ate $\frac{4}{6}$ orange .How much what did Ahmed ,Doaa and Nahed eat from oranges ?

....

7. Manar is making a drink that requires $\frac{5}{8}$ liter of milk ,and she has only $\frac{2}{8}$ liter of make the drink. How much milk does Manar need more to make the drink?

....

8. Ahmed has $2\frac{7}{8}$ kilograms of oranges.If one kilogram of them is spoiled,how much is left for him ?

....

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Answer the following questions:

9. Use the benchmark fractions 0 , $\frac{1}{2}$ and 1 to order each group of the fractions.

a. $\frac{3}{6}$, $\frac{6}{8}$, $\frac{2}{10}$ [From the least to the greatest]

....

b. $\frac{1}{4}$, $\frac{9}{9}$, $\frac{5}{6}$ [From the greatest to the least]

....

10. Each Othman and Ramzy has a bar of sweet of the same size.If Othman ate $\frac{4}{6}$ ate of his bar and Ramzy ate $\frac{4}{8}$ of his bar .Who ate more?

....

11. Samira cut a cake into 9 equal parts, and ate one of them.What parts are left of the cake?

....

12. Ahmed has 15 cakes.If $\frac{3}{5}$ of them are covered with chocolate. How many chocolate cakes are there ?

....

13. Arrange from smallest to greatest: $\frac{7}{9}$, $\frac{2}{9}$, $\frac{5}{9}$, $\frac{10}{9}$, $\frac{1}{9}$

....

14. Nabil has 9 cookies. $\frac{2}{3}$ of them were chocolate chip. How many cookies were chocolate chip ?

....

Choose the correct answer.

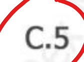
1. Which of the following represents a unit fraction?

A. $\frac{7}{4}$ B. $\frac{7}{7}$ C. $\frac{4}{7}$ D. $\frac{1}{7}$

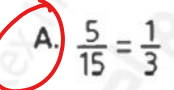
2. Which of the following shows the fractions ordered from the greatest to the least?

A. $\frac{6}{12},\frac{5}{6},\frac{3}{10}$ B. $\frac{5}{6},\frac{6}{12},\frac{3}{10}$ C. $\frac{3}{10},\frac{6}{12},\frac{5}{6}$ D. $\frac{6}{12},\frac{3}{10},\frac{5}{6}$

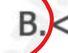
3. $\frac{5}{\dots} = 1$

A.2 B.3  C.5 D.10

4. Which of the following is true?

 A. $\frac{5}{15} = \frac{1}{3}$ B. $\frac{1}{16} = \frac{3}{18}$ C. $\frac{7}{8} = \frac{8}{7}$ D. $\frac{3}{13} = \frac{4}{4}$

5. $\frac{7}{12} \bigcirc \frac{10}{10}$

A.>  B.< C.=

6. Which of the following shows the identity property of multiplication?

A. 0×4 B. $\frac{2}{3} \times 1$ C. $\frac{4}{5} \times \frac{5}{4}$ D. $\frac{5}{7} + 0$

7. Five eighths=..........

A. $\frac{5}{8}$ B. $\frac{5}{13}$ C. $\frac{8}{5}$ D. $\frac{8}{13}$

8. Which of the following fractions is greater than $\frac{1}{2}$?

A. $\frac{2}{4}$ B. $\frac{2}{6}$ C. $\frac{5}{8}$ D. $\frac{10}{20}$

9. Which of the following sentences is not true?

A. $\frac{2}{5} > \frac{4}{5}$ B. $\frac{1}{6} < \frac{3}{6}$ C. $\frac{6}{7} < \frac{7}{7}$ D. $\frac{5}{8} > \frac{3}{8}$

10. $\frac{1}{5} = \frac{\square}{\square}$

A. $\frac{4}{10}$ B. $\frac{3}{10}$ C. $\frac{2}{10}$ D. $\frac{1}{10}$

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11. $\frac{8}{9}$ is closer than benchmark fraction ....

A. 2 B. 1 C. 0 D. $\frac{1}{2}$

12. Which choice shows the fractions in a descending order?

A. $\frac{3}{10}$, $\frac{3}{9}$, $\frac{3}{7}$, $\frac{3}{5}$, $\frac{3}{3}$

B. $\frac{3}{5}$, $\frac{3}{7}$, $\frac{3}{9}$, $\frac{3}{10}$, $\frac{3}{3}$

C. $\frac{3}{3}$, $\frac{3}{5}$, $\frac{3}{7}$, $\frac{3}{9}$, $\frac{3}{10}$

D. $\frac{3}{3}$, $\frac{3}{10}$, $\frac{3}{9}$, $\frac{3}{7}$, $\frac{3}{5}$

13. $\frac{17}{6}$ is called a/an ....

A. Proper fraction B. Improper fraction C. Mixed number D. Unit fraction

14. Which of the following is equal to $\frac{1}{2}$?

A. $\frac{4}{7}$ B. $\frac{5}{10}$ C. $\frac{6}{3}$ D. $\frac{8}{8}$

15. $6 - 3\frac{1}{4} =$ ....

A. $3\frac{1}{4}$ B. $9\frac{1}{4}$ C. $2\frac{3}{4}$ D. $2\frac{1}{4}$

16. Which equation is not a correct decomposition of $\frac{10}{11}$?

A. $\frac{1}{11} + \frac{2}{11} + \frac{3}{11} + \frac{4}{11} = \frac{10}{11}$

B. $\frac{5}{11} + \frac{5}{11} = \frac{10}{11}$

C. $\frac{1}{11} + \frac{2}{11} + \frac{8}{11} = \frac{10}{11}$

D. $\frac{1}{11} + \frac{2}{11} + \frac{2}{11} + \frac{2}{11} + \frac{3}{11} = \frac{10}{11}$

17. numerator of the fraction $\frac{5}{9}$ is..........

A. 9 B. 4 C. 5 D. 14

18. Which of the following is not a unit fraction?

A. $\frac{1}{3}$ B. $\frac{2}{7}$ C. $\frac{1}{5}$ D. $\frac{1}{4}$

19. What is the equivalent fraction to $\frac{1}{3}$?

A. $\frac{2}{6}$ B. $\frac{4}{6}$ C. $\frac{2}{8}$ D. $\frac{1}{9}$

20. $\frac{5}{7} <$ ....

A. 1 B. $\frac{3}{7}$ C. $\frac{1}{2}$ D. $\frac{1}{9}$

21. $\frac{3}{9} + \frac{1}{9} + 2 =$ ....

A. $2\frac{4}{9}$ B. $2\frac{4}{18}$ C. $\frac{6}{9}$ D. $2\frac{3}{9}$

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22) $1\frac{4}{7} + 5\frac{2}{7} = ...$

A. $6\frac{6}{14}$ B. $6\frac{8}{7}$ C. $6\frac{6}{7}$ D. $7\frac{6}{7}$

23) $5\frac{1}{4} = ...$

A. $\frac{20}{4}$ B. $\frac{22}{4}$ C. $\frac{21}{4}$ D. $\frac{19}{4}$

24) $....... < \frac{5}{9}$

A. $\frac{5}{8}$ B. $\frac{5}{7}$ C. $\frac{6}{9}$ D. $\frac{5}{10}$

25) $5 - 2\frac{1}{5} = ...$

A. $2\frac{1}{5}$ B. $3\frac{1}{5}$ C. $2\frac{4}{5}$ D. $2\frac{3}{5}$

26) $\frac{13}{7}$ ◯ $\frac{13}{5}$ ....

A.> B.< C.=

27) $\frac{3}{7}$ is equivalent to ....

A. $\frac{6}{21}$ B. $\frac{9}{14}$ C. $\frac{9}{21}$ D. $\frac{9}{28}$

28) $\frac{1}{5} + \frac{1}{5} + \frac{1}{5} = ...$

A. $\frac{3}{5}$ B. $\frac{3}{15}$ C. $\frac{1}{15}$ D. $\frac{3}{25}$

29) $\frac{9}{5}$ is a/an........fraction.

A.Unit B.Improper C.Denominator D.Proper

30) $\frac{2}{3}$ is ....

A.a unit fraction B.a mixed number C.an improper fraction D.a proper fraction

31) $\frac{3}{4} = \frac{....}{8}$

A.2 B.4 C.6 D.8

32) Which of the following has the same value as $\frac{5}{7}$?

A. $\frac{1}{7} + \frac{1}{7} + \frac{1}{7} + \frac{1}{7}$

B. $\frac{1}{5} + \frac{1}{5} + \frac{1}{5} + \frac{1}{5} + \frac{1}{5} + \frac{1}{5} + \frac{1}{5}$

C. $\frac{1}{7} + \frac{1}{7} + \frac{1}{7} + \frac{1}{7} + \frac{1}{7}$

D. $\frac{1}{7} + \frac{2}{7} + \frac{3}{7} + \frac{4}{7} + \frac{5}{7}$

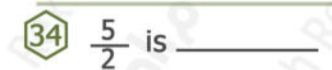
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Choose the correct answer.

33. $\frac{6}{....} = 2$

A. 1 B. 2 C. 3 D. 4

34. $\frac{5}{2}$ is ________



A. a unit fraction B. a proper fraction C. a mixed number D. an improper fraction

35. The fraction $\frac{5}{6}$ is equivalent to

A. $\frac{10}{6}$ B. $\frac{10}{18}$ C. $\frac{25}{30}$ D. $\frac{5}{12}$

36. which of the following fraction is the greatest?

A. $\frac{2}{5}$ B. $\frac{2}{7}$ C. $\frac{2}{3}$ D. $\frac{2}{9}$

37. $\frac{3}{7}$ > ________

A. $\frac{5}{8}$ B. $\frac{2}{7}$ C. $\frac{2}{3}$ D. $\frac{7}{8}$

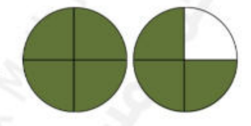
38. 1 = ______

A. $\frac{5}{7}$ B. $\frac{7}{7}$ C. $\frac{1}{2}$ D. $\frac{1}{10}$

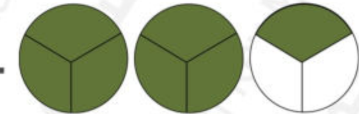
39. $\frac{20}{7}$ =.......... { as a mixed number}

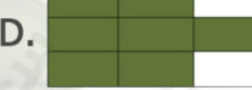
A. $3\frac{1}{7}$ B. $2\frac{6}{7}$ C. $2\frac{1}{7}$ D. $1\frac{6}{7}$

40. The Correct model which represents the improper fraction $\frac{7}{6}$ is ______

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B. 

C. 

D. 

41. $\frac{3}{9}$ is a\an .... Fraction

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Choose the correct answer.

42) $\frac{5}{7}$ = ...+.......+.......

A. $\frac{1}{7}+\frac{2}{7}+\frac{2}{7}$ B. $\frac{3}{7}+\frac{2}{7}$ C. 1+2+2 D. $\frac{1}{7}-\frac{2}{7}-\frac{2}{7}$

43) which of the following is the greatest?

A. $\frac{6}{8}$ B. $\frac{6}{9}$ C. $\frac{6}{100}$ D. 1

44) $\frac{7}{100}$ .... $\frac{7}{10}$

A. < B. > C. = D.

45) $\frac{1}{10}+2+\frac{5}{10}$

A. $2\frac{6}{10}$ B. $2\frac{6}{20}$ C. $\frac{100}{100}$ D. All of them

46) $\frac{...}{10}=\frac{60}{100}$

A. 10 B. 60 C. 6 D. $\frac{6}{10}$

47) ....+$\frac{6}{10}+\frac{2}{10}=\frac{9}{10}$

A. $\frac{3}{20}$ B. $\frac{1}{10}$ C. $\frac{10}{10}$ D. $1\frac{3}{10}$

48) .... Which numerator is less than denominator

A. Proper B. Improper C. Mixed D. Whole No

49) The equivalent fraction of $\frac{4}{5}$ is ....

A. $\frac{1}{5}$ B. $\frac{8}{5}$ C. $\frac{2}{5}$ D. $\frac{8}{10}$

50) The number of unit fraction which formed $\frac{4}{5}$ equals

A. 5 B. 3 C. 4 D. 1

51) $\frac{1}{10}$ +..........= $\frac{15}{100}$

A. $\frac{5}{100}$ B. $\frac{14}{10}$ C. $\frac{14}{90}$ D. $\frac{50}{100}$

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Choose the correct answer.

52. $\frac{11}{8}$ .... $\frac{13}{8}$

A. $<$ B. $>$ C. $=$ D. Otherwise

53. The mixed number of the following is ....

A. $12\frac{4}{9}$ B. $\frac{9}{4}$ C. $\frac{18}{36}$ D. $\frac{17}{4}$

54. $\frac{2}{4}$ .... $\frac{1}{2}$

A. $<$ B. $>$ C. $=$ D. Otherwise

55. $1\frac{1}{4} + \frac{3}{4}$

A. $2\frac{1}{4}$ B. 2 C. $2\frac{1}{4}$ D. 4

56. $\frac{?}{22} = \frac{1}{2}$

A. 10 B. 11 C. 12 D. 20

57. Which of the following mixed numbers is equal to $\frac{6}{5}$?

A. $1\frac{1}{2}$ B. $1\frac{1}{5}$ C. $1\frac{1}{12}$ D. $1\frac{1}{6}$

58. $\frac{7}{12}$ is closer to the benchmark fraction

A. 1 B. $\frac{1}{2}$ C. $\frac{1}{4}$ D. 0

59. The nearest fraction to $\frac{1}{2}$ is ....

A. $\frac{1}{8}$ B. $\frac{8}{8}$ C. $\frac{5}{8}$ D. $\frac{2}{8}$

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A. $\frac{11}{8}$ B. $\frac{2}{3}$ C. $\frac{7}{9}$ D. $2\frac{5}{7}$

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A. 4 B. 6 C. 3 D. 2

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Choose the correct answer.

62. $5 - 3\frac{1}{6} =$ ....

A. $\frac{7}{6}$ B. $\frac{11}{6}$ C. $\frac{4}{6}$ D. 2

63. The expression which equivalent to $\frac{3}{3}$ is ....

A. $\frac{1}{3}+\frac{1}{3}+\frac{1}{3}$ B. $\frac{1}{4}+\frac{1}{4}+\frac{1}{4}$ C. $\frac{1}{3}+\frac{2}{3}+\frac{3}{3}$ D. $\frac{1}{3}+\frac{4}{3}$

64. .... < $\frac{4}{9}$

A. $\frac{8}{9}$ B. $\frac{5}{9}$ C. $\frac{1}{9}$ D. 1

65. $3 + \frac{2}{5} + \frac{1}{5} + 1 =$

A. $2\frac{3}{5}$ B. $2\frac{1}{5}$ C. $\frac{7}{5}$ D. $4\frac{3}{5}$

66. $\frac{?}{4} = \frac{8}{16}$

A. 4 B. 32 C. 8 D. 2

67. The proper fraction of the following is.........

A. $\frac{8}{3}$ B. $\frac{11}{8}$ C. $\frac{7}{9}$ D. $2\frac{5}{7}$

68. The unit fraction of the following is ....

A. $\frac{9}{10}$ B. $\frac{2}{5}$ C. $\frac{1}{8}$ D. $\frac{5}{2}$

69. $\frac{4}{10} + \frac{2}{100} =$ ....

A. $\frac{6}{100}$ B. $\frac{6}{110}$ C. $\frac{42}{100}$ D. $\frac{60}{100}$

70. Which Relation is correct?

A. $\frac{7}{12} > \frac{7}{9}$ B. $\frac{7}{15} > \frac{7}{9}$

C. $\frac{7}{8} < \frac{7}{10}$ D. $\frac{7}{13} < \frac{7}{11}$

Complete.

1. $\frac{10}{5} = 2$
2. $\frac{15}{3} = 5$
3. $1+2+\frac{1}{5}+\frac{3}{5}+\frac{4}{5} = 1+2+\frac{1}{5}+\frac{4}{5}+\frac{3}{5} = 4\frac{3}{5}$ ($\frac{1}{5}+\frac{4}{5} = 1$)
4. $2-\frac{1}{3}-\frac{1}{3} = 1\frac{3}{3}-\frac{1}{3}-\frac{1}{3} = 1\frac{1}{3}$
5. ……… $- 2\frac{1}{4} = 3\frac{2}{4}$ $3\frac{2}{4}+2\frac{1}{4} = 5\frac{3}{4}$
6. $4\frac{4}{5}$ - ……… $= 1\frac{1}{5}$ $4\frac{4}{5}-1\frac{1}{5} = 3\frac{3}{5}$
7. ………$+ 1\frac{1}{7} = 3$ $3-1\frac{1}{7} = 2\frac{7}{7}-1\frac{1}{7} = 1\frac{6}{7}$
8. 4 - ……… $= 3\frac{1}{4}$ $4-3\frac{1}{4} = \frac{3}{4}$
9. $\frac{3}{4} \times \frac{3}{3} = \frac{9}{12}$
10. The fraction $\frac{1}{6}$ is nearest benchmark fraction ……0……
11. $6 - 5\frac{1}{4} = \frac{3}{4}$
12. $\frac{2}{5} < \frac{2}{4}$ 4 or 3 or 2 or 1
13. $4 - \frac{3}{7} = 3\frac{4}{7}$
14. $\frac{5}{2} = 2\frac{1}{2}$ as mixed number
15. The number of unit fraction which formed $\frac{3}{6}$ equals ……3……

16) $2\frac{3}{4} = \frac{11}{4}$ as improper fraction

17) The mixed number which represents the opposite mode $1\frac{1}{10}$



18) $\frac{1}{3} = \frac{5}{15}$

19) $\frac{5}{12} + \frac{2}{12} + \frac{6}{12} = \frac{13}{12} = 1\frac{1}{12}$ (in simplest form)

20) The proper fraction has the numerator less than the denominator.

21) The unit fraction that represents the shaded part is $\frac{1}{4}$

22) number of halves in the whole one is 2

23) $1\frac{50}{100} = 1\frac{5}{10}$

24) Three quarters = $\frac{3}{4}$

25) The number of unit fractions in $\frac{1}{6}$ is 1

26) One whole = 4 fourths

27) $\frac{7}{7} = \frac{5}{5}$

28) $\frac{1}{6} + \frac{2}{6} + \frac{3}{6} = 1$

29) $\frac{43}{5} = 8\frac{3}{5}$ [as a mixed number]

30) The improper fraction has the numerator greater than the denominator.

Answer the following questions:

1. Ahmed has a number of seeds. On Friday he planted $\frac{3}{9}$ of them ,and he planted $\frac{5}{9}$ of them on Saturday. What fraction represents the seeds that Ahmed planted in both of the two days?

$\frac{3}{9} + \frac{5}{9} = \frac{8}{9}$ of seeds

2. Waleed ate $2\frac{3}{8}$ of cakes and Ali ate $1\frac{1}{8}$ of cakes of the same size,what is the difference between what Waleed ate and Ali ate?

$2\frac{3}{8} - 1\frac{1}{8} = 1\frac{2}{8}$ of cakes

3. Salma went to market and bought $3\frac{1}{8}$ kg of banana and $1\frac{5}{8}$ kg of apple. How many kilograms did Salma buy?

$3\frac{1}{8} + 1\frac{5}{8} = 4\frac{6}{8}$ kg $= 4\frac{3}{4}$ kg

4. Hani drank $1\frac{3}{8}$ liter of water,and Samir drank $1\frac{5}{8}$ liter of water. What is the total liters that Hani and Sami drank?

$1\frac{3}{8} + 1\frac{5}{8} = 2\frac{8}{8} = 3$ Liters

5. Seif studied Math for $1\frac{1}{4}$ hour and science for $\frac{3}{4}$ hour. How many hours did Seif study in all ?

$1\frac{1}{4} + \frac{3}{4} = 2$ hours

6. Ahmed ate whole orange, Doaa ate $\frac{1}{6}$ orange ,and Nahed ate $\frac{4}{6}$ orange .How much what did Ahmed ,Doaa and Nahed eat from oranges ?

$1 + \frac{1}{6} + \frac{4}{6} = 1\frac{5}{6}$ oranges

7. Manar is making a drink that requires $\frac{5}{8}$ liter of milk ,and she has only $\frac{2}{8}$ liter of make the drink. How much milk does Manar need more to make the drink?

$\frac{5}{8} - \frac{2}{8} = \frac{3}{8}$

8. Ahmed has $2\frac{7}{8}$ kilograms of oranges.If one kilogram of them is spoiled,how much is left for him ?

$2\frac{7}{8} - 1 = 1\frac{7}{8}$ kg

Answer the following questions:

9 Use the benchmark fractions 0 , $\frac{1}{2}$ and 1 to order each group of the fractions.

a. $\frac{3}{6}$, $\frac{6}{8}$, $\frac{2}{10}$ [From the least to the greatest]

$\frac{2}{10}$, $\frac{3}{6}$, $\frac{6}{8}$

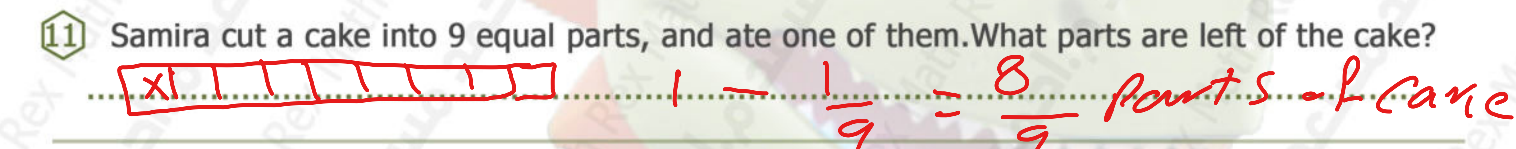
b. $\frac{1}{4}$, $\frac{9}{9}$, $\frac{5}{6}$ [From the greatest to the least]

$\frac{9}{9}$, $\frac{5}{6}$, $\frac{1}{4}$

10 Each Othman and Ramzy has a bar of sweet of the same size.If Othman ate $\frac{4}{6}$ ate of his bar and Ramzy ate $\frac{4}{8}$ of his bar .Who ate more?

othman ate more $\frac{4}{8} < \frac{4}{6}$

11 Samira cut a cake into 9 equal parts, and ate one of them.What parts are left of the cake?

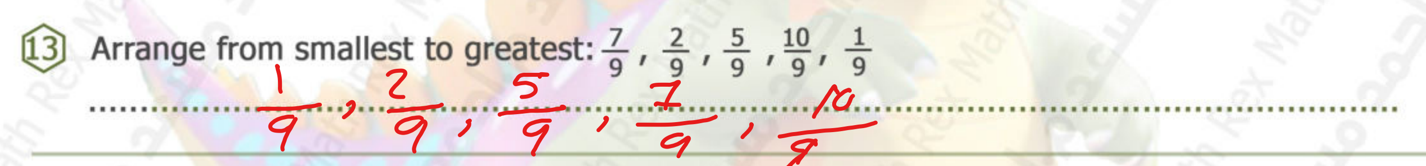


$1 - \frac{1}{9} = \frac{8}{9}$ parts of cake

12 Ahmed has 15 cakes.If $\frac{3}{5}$ of them are covered with chocolate. How many chocolate cakes are there ?

$\frac{3}{5} = \frac{x}{15}$ $x = 9$ Cakes

13 Arrange from smallest to greatest: $\frac{7}{9}$, $\frac{2}{9}$, $\frac{5}{9}$, $\frac{10}{9}$, $\frac{1}{9}$



$\frac{1}{9}$, $\frac{2}{9}$, $\frac{5}{9}$, $\frac{7}{9}$, $\frac{10}{9}$

14 Nabil has 9 cookies. $\frac{2}{3}$ of them were chocolate chip. How many cookies were chocolate chip ?

$\frac{2}{3} = \frac{x}{9}$ $x = 6$ Cookies

Unit 9

Choose the correct answer

1. The denominator of the fraction $\frac{3}{7}$ is ______

A. 3 B. 4 C. 7 D. 10

2. The numerator of the fraction $\frac{2}{5}$ is ______

A. 1 B. 2 C. 5 D. 7

3. ______ whose numenator is less than whose denominator.

A. A proper fraction B. An improper fraction
C. A mixed number D. A whole number

4. ______ is a fraction greater than or equal to 1.

A. a proper fraction B. a mixed number
C. an improper fraction D. a whole number

5. ______ is made up of a whole number and a proper fraction.

A. a proper fraction B. a mixed number
C. an improper fraction D. a whole number

6. $\frac{6}{5}$ is called ______

A. a proper fraction B. a mixed number
C. an improper fraction D. a whole number

7. $\frac{4}{7}$ is called ______

A. a proper fraction B. a mixed number
C. an improper fraction D. a whole number

8. $3\frac{2}{3}$ is called ______

A. a proper fraction B. a mixed number
C. an improper fraction D. a whole number

9. The unit fraction from the following is ______

A. $\frac{1}{5}$ B. $\frac{3}{5}$ C. 1 D. $\frac{5}{1}$

Choose the correct answer

10 Which of the following is a mixed number?

A. $\frac{3}{5}$ B. $\frac{4}{3}$ C. $3\frac{1}{2}$ D. $\frac{1}{4}$

11 Which of the following is a proper fraction?

A. $\frac{2}{7}$ B. $\frac{7}{3}$ C. $\frac{8}{5}$ D. $5\frac{1}{4}$

12 Which of the following is an improper fraction?

A. $1\frac{1}{3}$ B. $\frac{2}{3}$ C. $\frac{2}{9}$ D. $\frac{7}{3}$

13 Which of the following is not a unit fraction?

A. $\frac{1}{3}$ B. $\frac{2}{7}$ C. $\frac{1}{5}$ D. $\frac{1}{4}$

14 Number of the unit fractions that formed the fraction $\frac{3}{8}$ is ....

A. 5 B. 4 C. 3 D. 8

15 The number of unit fractions which represent the point E is ....

A. 2 B. 4

C. 6 D. 8



16 The number of sixths in one whole = ...

A. 1 B. 5 C. 6 D. 4

17 The number of sevenths in one whole = ...

A. 8 B. 7 C. 6 D. 5

18 $2\frac{3}{5}$ = ... (as an improper fraction)

A. $\frac{10}{5}$ B. $\frac{30}{5}$ C. $\frac{13}{5}$ D. $\frac{5}{13}$

Choose the correct answer

19) $\frac{7}{3}$ = ________ (as a mixed number).

A. $1\frac{1}{3}$ B. $3\frac{1}{3}$ C. $3\frac{1}{2}$ D. $2\frac{1}{3}$

20) $6\frac{2}{5}$ = ________ (as an improper fraction)

A. $\frac{30}{5}$ B. $\frac{62}{5}$ C. $\frac{32}{5}$ D. $6+\frac{2}{5}$

21) $\frac{34}{5}$ = ________ (as a mixed number)

A. $30\frac{4}{5}$ B. $7\frac{1}{5}$ C. $6\frac{4}{5}$ D. $6\frac{2}{5}$

22) 1 = ________

A. $\frac{5}{7}$ B. $\frac{7}{7}$ C. $\frac{1}{2}$ D. $\frac{1}{10}$

23) $\frac{18}{__}$ = 2

A. 2 B. 18 C. 9 D. 6

24) $\frac{__}{6}$ = 2

A. 1 B. 12 C. 3 D. 4

25) 1 = $\frac{__}{10}$

A. 7 B. 8 C. 9 D. 10

26) $\frac{5}{7} = \frac{10}{__}$

A. 11 B. 12 C. 13 D. 14

27) $\frac{15}{6} = \frac{__}{2}$

A. 3 B. 2 C. 5 D. 4

Choose the correct answer

28. If $\frac{12}{X} = \frac{2}{3}$, then X = ________ .

A. 20 B. 14 C. 18 D. 13

29. The fraction $\frac{18}{36}$ in the simplest form is ________ .

A. $\frac{1}{2}$ B. $\frac{6}{9}$ C. $\frac{9}{9}$ D. $\frac{3}{4}$

30. The equivalent fraction of $\frac{4}{5}$ is ________

A. $\frac{1}{4}$ B. $\frac{8}{5}$ C. $\frac{2}{5}$ D. $\frac{8}{10}$

31. $\frac{3}{7}$ is equivalent to ________

A. $\frac{6}{21}$ B. $\frac{9}{14}$ C. $\frac{9}{21}$ D. $\frac{9}{28}$

32. Which fraction is equivalent to $\frac{3}{9}$?

A. $\frac{8}{3}$ B. $\frac{1}{3}$ C. $\frac{6}{9}$ D. $\frac{3}{6}$

33. $\frac{6}{9}$ is **not** equivalent to ________

A. $\frac{2}{3}$ B. $\frac{14}{21}$ C. $\frac{12}{20}$ D. $\frac{10}{15}$

34. Which of the following is NOT true ?

A. $\frac{5}{15} = \frac{1}{3}$ B. $\frac{1}{6} = \frac{3}{18}$ C. $\frac{7}{8} = \frac{8}{17}$ D. $\frac{3}{3} = \frac{4}{4}$

35. $2\frac{1}{8}$ is equivalent to ________

A. $\frac{4}{8} - \frac{2}{8}$ B. $\frac{4}{8} + \frac{2}{8}$ C. $\frac{17}{8}$ D. $\frac{11}{8}$

36. $\frac{3}{9} + \frac{6}{9} =$ ________

A. $\frac{3}{9}$ B. $\frac{9}{18}$ C. 1 D. $\frac{6}{9}$

Choose the correct answer

37 $\frac{1}{3}+\frac{1}{3}+\frac{1}{3}=$ ....

A. $\frac{2}{3}$ B. $\frac{1}{3}$ C. $\frac{4}{3}$ D. 1

38 $4+\frac{7}{11}+2+\frac{1}{11}=$ ....

A. $2\frac{8}{11}$ B. $4\frac{8}{11}$ C. $6\frac{7}{11}$ D. $6\frac{8}{11}$

39 $1\frac{2}{5}+\frac{3}{5}=$ ....

A. $1\frac{5}{10}$ B. $\frac{6}{10}$ C. 2 D. 5

40 $1\frac{6}{7}+5\frac{6}{7}=$ ....

A. $6\frac{6}{14}$ B. $6\frac{8}{7}$ C. $6\frac{6}{7}$ D. $7\frac{5}{7}$

41 $\frac{4}{7}=$ ....

A. $\frac{3}{7}+1$ B. $\frac{1}{7}+3$ C. $\frac{1}{7}+\frac{1}{7}+\frac{1}{7}+\frac{1}{7}$ D. $\frac{3}{4}+\frac{1}{4}$

42 $\frac{7}{9}=$ ....

A. $\frac{2}{9}+\frac{5}{9}$ B. $\frac{3}{9}+\frac{5}{9}$ C. $\frac{2}{6}+\frac{5}{6}$ D. $\frac{2}{9}$

43 $\frac{5}{7}=\frac{1}{7}+\frac{2}{7}+$ ....

A. $\frac{1}{7}$ B. $\frac{2}{7}$ C. $\frac{3}{7}$ D. $\frac{4}{7}$

44 Which one of the following statements is true ?

A. $\frac{3}{7}+\frac{1}{7}=\frac{4}{14}$ B. $2\frac{1}{5}+1\frac{2}{5}=3\frac{3}{5}$

C. $3\frac{1}{2}=\frac{6}{2}$ D. $3\frac{2}{4}-1\frac{1}{4}=2\frac{3}{4}$

Choose the correct answer

45 $\frac{1}{3}+\frac{1}{3}+\frac{1}{3}+\frac{1}{3}=$ ....

A. $\frac{5}{3}$ B. $4\times\frac{1}{3}$ C. $\frac{4}{12}$ D. $\frac{1}{12}$

46 $5\times\frac{1}{7}=$ ....

A. $5\frac{1}{7}$ B. $5+\frac{1}{7}$ C. $\frac{51}{7}$ D. $\frac{5}{7}$

47 $7\times\frac{6}{11}=$ ....

A. $7\frac{1}{11}$ B. $\frac{7}{11}$ C. $\frac{42}{11}$ D. $\frac{72}{10}$

48 $\frac{2}{5}\times\frac{3}{3}=$ ....

A. $\frac{5}{8}$ B. $\frac{6}{5}$ C. $\frac{2}{15}$ D. $\frac{2}{5}$

49 .... $\times\frac{7}{7}=\frac{5}{7}$

A. $\frac{1}{7}$ B. $\frac{1}{5}$ C. $\frac{5}{7}$ D. $\frac{5}{5}$

50 $\frac{2}{9}\times$ .... $=\frac{2}{9}$

A. 0 B. 1 C. $\frac{2}{9}$ D. $\frac{9}{2}$

51 Which of the following fractions is equivalent to 1?

A. $\frac{2}{7}$ B. $1\frac{5}{7}$ C. $\frac{7}{7}$ D. $\frac{7}{2}$

52 Which of the following fractions is closest to 1?

A. $\frac{1}{7}$ B. $\frac{2}{11}$ C. $\frac{4}{10}$ D. $\frac{10}{11}$

53 Which of the following fractions is greater than 1?

A. $\frac{4}{5}$ B. $\frac{5}{8}$ C. $\frac{7}{5}$ D. $\frac{9}{10}$

Unit 9

Choose the correct answer

54 Which of the following fractions is equal to $\frac{1}{2}$

A. $\frac{8}{8}$ B. $\frac{1}{4}$ C. $\frac{5}{10}$ D. 1

55 All the following fractions equivalent to $\frac{1}{2}$ except ______

A. $\frac{3}{6}$ B. $\frac{2}{8}$ C. $\frac{5}{10}$ D. $\frac{2}{4}$

56 Which of the following fractions is less than $\frac{1}{2}$?

A. $\frac{3}{3}$ B. $\frac{5}{6}$ C. $\frac{3}{8}$ D. $\frac{6}{12}$

57 Which of the following fractions is greater than $\frac{1}{2}$?

A. $\frac{2}{4}$ B. $\frac{2}{6}$ C. $\frac{5}{8}$ D. $\frac{10}{20}$

58 Which of the following fractions is closest to $\frac{1}{2}$?

A. $\frac{1}{4}$ B. $\frac{7}{16}$ C. $\frac{9}{10}$ D. $\frac{11}{12}$

59 $\frac{7}{8}$ is closer to the benchmark fraction ______

A. 0 B. 1 C. 2 D. $\frac{1}{2}$

60 $\frac{7}{12}$ is closer to benchmark fraction ______

A. $1\frac{1}{2}$ B. 1 C. $\frac{1}{2}$ D. 0

61 Which of the following fractions is the greatest ?

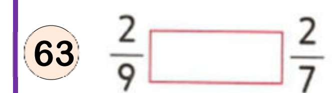
A. $\frac{2}{5}$ B. $\frac{2}{7}$ C. $\frac{2}{3}$ D. $\frac{2}{9}$

62 $\frac{1}{6}$ ☐ $\frac{4}{6}$

A. $<$ B. $>$ C. $=$ D. $\leq$

Unit 9

Choose the correct answer

63.  $\frac{2}{9}$ ☐ $\frac{2}{7}$

A. $<$ B. $=$ C. $>$

64. $\frac{1}{2}$ ☐ $\frac{6}{7}$

A. $>$ B. $<$ C. $=$

65. $\frac{3}{5}$ ☐ 1

A. $<$ B. $>$ C.

66. 1 ☐

A. $<$ B. $>$ $=$

67. 0 ◯ $\frac{2}{7}$

A. $>$ B. $<$ C. $=$

68. $\frac{2}{7}+\frac{3}{7}$ ◯ $\frac{6}{7}-\frac{1}{7}$

A. $>$ B. $=$ C. $<$

69. $\frac{2}{5}+\frac{1}{5}$ ◯ $\frac{1}{7}+\frac{2}{7}$

A. $>$ B. $=$ C. $<$

70. $\frac{1}{4} < \frac{1}{__}$

A. 8 B. 7 C. 5 D. 3

71. $\frac{5}{7} <$ ______

A. 1 B. $\frac{3}{7}$ C. $\frac{1}{2}$ D. $\frac{1}{9}$

Unit 9

Choose the correct answer



72) $\frac{7}{8} >$ ______

A. $\frac{8}{8}$ B. $\frac{1}{2}$ C. $1\frac{1}{4}$ D. $\frac{7}{6}$

73) $\frac{3}{8} >$ ______

A. $\frac{5}{8}$ B. $\frac{3}{7}$ C. $\frac{3}{9}$ D. $\frac{7}{8}$

74) ______ $< \frac{5}{9}$

A. $\frac{5}{8}$ B. $\frac{5}{7}$ C. $\frac{6}{9}$ D. $\frac{5}{10}$

75) Which relation is correct ?

A. $\frac{7}{12} > \frac{7}{9}$ B. $\frac{7}{8} < \frac{7}{10}$ C. $\frac{7}{13} < \frac{7}{11}$ D. $\frac{7}{15} > \frac{7}{9}$

76) Which of the following sentences is wrong ?

A. $\frac{1}{3} > \frac{1}{4}$ B. $\frac{1}{4} > \frac{1}{5}$ C. $\frac{1}{5} > \frac{1}{6}$ D. $\frac{1}{8} > \frac{1}{7}$

77) The order of the fractions $\frac{5}{10}$, $\frac{3}{12}$ and $\frac{10}{15}$ from the greatest to the smallest is ______

A. $\frac{10}{15}, \frac{5}{10}, \frac{3}{12}$ B. $\frac{3}{12}, \frac{5}{10}, \frac{10}{15}$ C. $\frac{10}{15}, \frac{5}{10}, \frac{3}{12}$ D. $\frac{10}{15}, \frac{3}{12}, \frac{5}{10}$

78) The model which represents $\frac{5}{6}$ is ______

A. 

B.

C.

D.

79) The correct model which represents the improper fraction $\frac{5}{4}$ is ______

A.

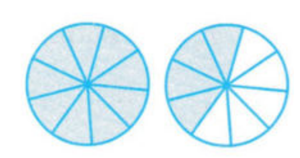
B.

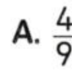
C.

D.

Choose the correct answer

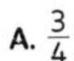
80 The fraction which represents the shaded parts in the opposite model is ....





A. $\frac{4}{9}$ B. $\frac{5}{9}$ C. $\frac{13}{9}$ D. $\frac{13}{18}$

81 The fraction which represents ⊕ + ⊕ is ....

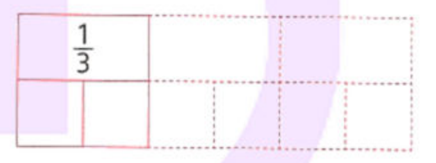


A. $\frac{3}{4}$ B. $\frac{5}{4}$ C. $1\frac{1}{2}$ D. $\frac{7}{4}$

82 ⊕ + ⊕ + ⊕ + ⊕ = ...

A. $2\frac{1}{4}$ B. $2\frac{1}{2}$ C. $2\frac{3}{4}$ D. 3

83 What is the equivalent fraction to $\frac{1}{3}$?



A. $\frac{2}{6}$ B. $\frac{4}{6}$

C. $\frac{2}{8}$ D. $\frac{3}{9}$

Complete the following

1. The numerator of the fraction $\frac{5}{8}$ is ....
2. The denominator of the fraction $\frac{7}{11}$ is ....
3. The numerator of a proper fraction is .... than its denominator.
4. There are .... unit fractions that form seven eighths.
5. The number of the unit fractions of the fraction $\frac{8}{9}$ is ....
6. Three quarters = ...
7. Two fifths = ...

Complete the following

8. Three eights = ______ + ______ + ______

9. Three tenths = $\frac{2}{10}$ + ______

10. The model represents ______ [as a fraction]

11. $\frac{23}{5}$ = ______ [as a mixed number]

12. $2\frac{1}{6}$ = ______ [as an improper fraction]

13. $\frac{5}{5} = \frac{__}{9}$ $\frac{14}{__} = 7$ $\frac{__}{3} = 5$

14. $\frac{7}{8} = \frac{21}{__}$ $3\frac{1}{4} = \frac{__}{4}$ $\frac{4}{5} = \frac{3}{5} +$ ______

15. $\frac{7}{9} = \frac{1}{9} + \frac{__}{9} + \frac{__}{9}$

16. $\frac{2}{9} \times \frac{5}{5} =$ ______ $\frac{5}{8} \times \frac{__}{3} = \frac{5}{8}$ $4 \times \frac{1}{9} =$ ______

17. $3 + \frac{2}{7} =$ ______

18. $1 + 1\frac{1}{6} =$ ______

19. $3\frac{2}{5} + 2\frac{1}{5} =$ ______

20. $2\frac{3}{4} + 3\frac{1}{4} =$ ______

21. $2\frac{3}{5} + 3\frac{4}{5} =$ ______

22. $2 + 1\frac{1}{7} + 3\frac{3}{7} =$ ______

23. $\frac{1}{3} + \frac{1}{3} + \frac{1}{3} + \frac{1}{3} + \frac{1}{3} =$ ______

24. $1 + 2 + \frac{3}{8} + \frac{4}{8} + \frac{3}{8} =$ ______

25. $7\frac{5}{9} - 4\frac{2}{9} =$ ______

26. $1 - \frac{4}{5} =$ ______

Complete the following

27) $1-\frac{1}{5}-\frac{1}{5} =$ ....

28) $1-\frac{3}{7}-\frac{4}{7} =$ ....

29) $5-4\frac{2}{5} =$ ....

30) $3-1\frac{3}{4} =$ ....

31) $7\frac{2}{9}-4\frac{7}{9} =$ ....

32) $3\frac{1}{4}-2\frac{3}{4} =$ ....

33) $2-\frac{1}{2}-\frac{1}{2} =$ ....

34) $2-\frac{4}{5}-\frac{3}{5} =$ ....

35) $7\frac{5}{9}-$ .... $=3\frac{4}{9}$

36) $4\frac{5}{7}+$ .... $=6\frac{5}{7}$

37) $7\frac{2}{9}+$ .... $=8\frac{1}{9}$

38) .... $+1\frac{1}{7}=2$

39) .... $-1\frac{1}{4}=1\frac{1}{4}$

Answer the following

1) Write in the form of improper fraction and mixed number.




Improper is ....

Mixed is ....

2) Write the multiplication sentence

$\frac{1}{9}+\frac{1}{9}+\frac{1}{9} =$ ....

3) Write three equivalent fractions

$\frac{6}{18} =$ .... $=$ .... $=$ ....



Unit 9

Answer the following

4) Arrange from least to greatest.

a. $\frac{2}{5}$, $\frac{2}{7}$, $\frac{2}{3}$, $\frac{2}{10}$, $\frac{2}{6}$

b. $\frac{5}{10}$, $\frac{1}{6}$, $\frac{8}{9}$

5) Arrange in a descending order.

a. $\frac{3}{7}$, $\frac{5}{7}$, $\frac{1}{7}$, $\frac{6}{7}$, $\frac{2}{7}$

b. $\frac{11}{12}$, $\frac{1}{9}$, $\frac{2}{4}$

6) How many $\frac{1}{7}$ long wooden pegs can be cut from a plank that is $\frac{6}{7}$ m long ?

7) Samir painted $\frac{5}{11}$ of the wall with blue. What is the remainder of the wall to be painted ?

8) Mohamed had solve $\frac{1}{6}$ of his homework before returns to home , what is the fraction which represents the remainder of the homework ?

9) Ahmed has 12 cakes. $\frac{3}{4}$ of them are choclete. How many choclate cake are there ?

10) Youssef has 18 apples. Two third of the apple are red. How many apples are red ?

11) Hady has $3\frac{1}{4}$ cookies, he gives $2\frac{3}{4}$ cookies to his sister. How many cookies does he have left ?

Answer the following

12) Bader bought $1\frac{1}{2}$ kg of sugar and $2\frac{1}{2}$ kg of flour. How many kg did he buy ?

13) Heba read for two hours. She read with her brother for $\frac{1}{2}$ hour, then she read with her sister for $\frac{1}{2}$ hour and she read alone for the rest of the time.
How long did she read alone ?

14) A rectangle of length $7\frac{1}{6}$ cm and width $2\frac{1}{6}$ cm. Calculate its perimeter.

15) Sara ate $1\frac{1}{3}$ of a chocolate cake and her brother Adel ate $\frac{4}{3}$ of a cake of the same size. Draw and color a model for each one of them. then show who ate more cake Sara or Adel ?

The Answers

Choose the correct answer:

1. C	2. B	3. A	4. C	5. B
6. C	7. A	8. B	9. A	10. C
11. A	12. D	13. B	14. C	15. C
16. C	17. 7	18. C	19. D	20. C
21. C	22. B	23. C	24. B	25. D
26. D	27. C	28. C	29. A	30. D
31. C	32. B	33. C	34. C	35. C
36. C	37. D	38. D	39. C	40. D
41. C	42. A	43. B	44. B	45. B
46. D	47. C	48. D	49. C	50. B
51. C	52. D	53. C	54. C	55. B
56. C	57. C	58. B	59. B	60. C
61. C	62. A	63. A	64. B	65. A
66. A	67. B	68. B	69. A	70. D
71. A	72.B	73. C	74. D	75. C
76. D	77. A	78. C	79. D	80. C
81. C	82. D	83. A		

The Answers

Complete the following:

1) 5 | 2) 11 | 3) less | 4) 7

5) 8 | 6) $\frac{3}{4}$ | 7) $\frac{2}{5}$

8) $\frac{1}{8} + \frac{1}{8} + \frac{1}{8}$ | 9) $\frac{1}{10}$ | 10) $\frac{3}{8}$ | 11) $4\frac{3}{5}$

12) $\frac{13}{6}$ | 13) 9 , 2 , 15

14) 24 , 13 , $\frac{1}{5}$ | 15) $\frac{3}{9} + \frac{3}{9}$

16) $\frac{2}{9}$, 3 , $\frac{4}{9}$ | 17) $3\frac{2}{7}$ | 18) $2\frac{1}{6}$

19) $5\frac{3}{5}$ | 20) 6 | 21) $6\frac{2}{5}$

22) $6\frac{4}{7}$ | 23) $\frac{5}{3} = 1\frac{2}{3}$ | 24) $4\frac{2}{8}$

25) $3\frac{3}{9}$ | 26) $\frac{1}{5}$ | 27) $\frac{3}{5}$

28) Zero | 29) $\frac{3}{5}$ | 30) $1\frac{1}{4}$

31) $2\frac{4}{9}$ | 32) $\frac{2}{4} = \frac{1}{2}$ | 33) 1

34) $\frac{1}{5}$ | 35) $4\frac{1}{9}$ | 36) 2

37) $\frac{8}{9}$ | 38) $\frac{6}{7}$ | 39) $2\frac{1}{2}$

The Answers

Answer the following:

1) Improper is $\frac{9}{6}$ Mixed is $1\frac{1}{2}$

2) $3 \times \frac{1}{9}$

3) $\frac{1}{3} = \frac{2}{6} = \frac{4}{12}$

4) a. $\frac{2}{10}$, $\frac{2}{7}$, $\frac{2}{6}$, $\frac{2}{5}$, $\frac{2}{3}$

b. $\frac{1}{6}$ $\frac{5}{10}$ $\frac{8}{9}$

5) a. $\frac{6}{7}$, $\frac{5}{7}$, $\frac{3}{7}$, $\frac{2}{7}$, $\frac{1}{7}$

b. $\frac{11}{12}$, $\frac{2}{4}$, $\frac{1}{9}$

6) 6 long wooden pegs

7) $1 - \frac{5}{11} = \frac{6}{11}$

8) $1 - \frac{1}{6} = \frac{5}{6}$

9) $\frac{3}{4} = \frac{\dots}{12}$, then 3x3= 9 cakes

10) $\frac{2}{3} = \frac{\dots}{18}$, then 2x6= 12 red apples

11) $3\frac{1}{4} - 2\frac{3}{4} = \frac{1}{2}$ cookies

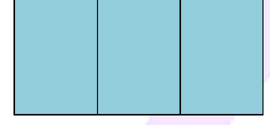
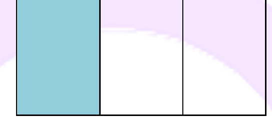
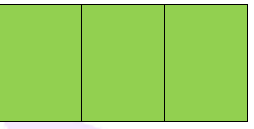
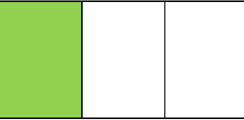
12) $1\frac{1}{2} + 2\frac{1}{2} = 4$ kg.

The Answers

13) $2 - \frac{1}{2} - \frac{1}{2} = 1$ hour

14) $7\frac{1}{6} + 7\frac{1}{6} + 2\frac{1}{6} + 2\frac{1}{6} = 18\frac{4}{6} = 18\frac{2}{3}$ cm

15) Sara | Adel

Both of them ate same

شرح خطوات الحل على قناة


Math For Kids: Hoda Ismail

ELIAS

General revision for February syllabus 2024



From: Unit 9 lesson 1

To: Unit 9 lesson 13

Prim 4

Mr. Ahmed El Asi

1. Choose the correct answer:

1) The numerator of the fraction $\frac{2}{5}$ is ....

a. 1 b. 2 c. 5 d. 7

2) Which of the following represents a unit fraction?

a. $\frac{7}{4}$ b. $\frac{7}{7}$ c. $\frac{4}{7}$ d. $\frac{1}{7}$

3) Five eights = ...

a. $\frac{5}{8}$ b. $\frac{5}{13}$ c. $\frac{8}{5}$ d. $\frac{8}{13}$

4) $\frac{5}{\dots\dots} = 1$

a. 2 b. 3 c. 5 d. 10

5) Which of the following expression is equal to $\frac{7}{9}$?

a. $\frac{1}{3} + \frac{1}{3} + \frac{5}{3}$ b. $\frac{2}{4} + \frac{5}{5}$ c. $\frac{1}{9} + \frac{2}{9} + \frac{2}{9}$ d. $\frac{4}{9} + \frac{3}{9}$

6) $\frac{3}{8}$ = ...

a. $\frac{1}{4} + \frac{1}{4} + \frac{1}{4}$ b. $\frac{2}{8} + 1$ c. $\frac{1}{8} + \frac{1}{8} + \frac{1}{8}$ d. $\frac{1}{8} + 2$

7) $\frac{1}{5} + \frac{1}{5} + \frac{1}{5} + \frac{1}{5} + \frac{1}{5}$ = ...

a. $\frac{3}{7}$ b. $\frac{5}{12}$ c. 1 d. $\frac{3}{5}$

8) The number of sixths in one whole = ...

a. 1 b. 5 c. 6 d. 4

9) $1 = \frac{1}{7} + \frac{2}{7} + \dots\dots\dots\dots$

a. $\frac{1}{7}$ b. $\frac{2}{7}$ c. $\frac{3}{7}$ d. $\frac{4}{7}$

10) Which of the following is a proper fraction?

a. $\frac{3}{7}$ b. $\frac{5}{2}$ c. $1\frac{1}{3}$ d. $\frac{19}{18}$

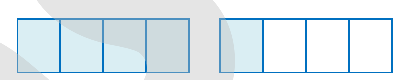
11) Which of the following is an improper fraction?

a. $\frac{4}{9}$ b. $\frac{1}{6}$ c. $1\frac{1}{5}$ d. $\frac{4}{3}$

12) Which of the following is a mixed number?

a. $\frac{1}{7}$ b. $\frac{8}{3}$ c. $2\frac{3}{5}$ d. $\frac{2}{9}$

13) The opposite model represents ………



a. $1\frac{1}{3}$ b. $\frac{5}{5}$ c. $\frac{4}{5}$ d. $\frac{5}{4}$

14) $4\frac{1}{2}$ = ……….. [as an improper fraction]

a. $\frac{5}{2}$ b. $\frac{7}{2}$ c. $\frac{9}{2}$ d. $\frac{9}{4}$

15) $\frac{20}{7}$ = ……….. [as a mixed number]

a. $3\frac{1}{7}$ b. $2\frac{6}{7}$ c. $2\frac{1}{7}$ d. $1\frac{6}{7}$

16) $\frac{3}{10}$ is a / an ………. fraction

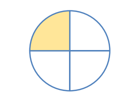
a. Mixed b. Improper c. Whole d. Proper

17) The proper fraction is which its numerator …….. its denominator.

a. Less than b. Less than or equal
c. Greater than d. Greater than or equal

18) Which of the following fractions is greater than 1?

a. $\frac{4}{5}$ b. $\frac{7}{5}$ c. $\frac{5}{8}$ d. $\frac{9}{10}$

19)  + +  + = ……….

a. $2\frac{1}{4}$ b. $2\frac{1}{2}$ c. $2\frac{3}{4}$ d. 3

20) $\frac{5}{9} + \frac{4}{9} =$ ……..

a. $\frac{1}{9}$ b. $\frac{9}{18}$ c. 1 d. $\frac{20}{81}$

21) $4 + \frac{7}{11} + 2 + \frac{1}{11} =$ ……..

a. $6\frac{8}{11}$ b. $6\frac{8}{22}$ c. $2\frac{6}{11}$ d. $7\frac{8}{11}$

22) $1\frac{1}{4} + \frac{3}{4} =$ ……..

a. $2\frac{1}{4}$ b. 2 c. 4 d. $2\frac{3}{4}$

23) $\frac{1}{5} + \frac{3}{5} + \frac{\cdots}{5} = 1$

a. 1 b. 2 c. 5 d. 7

24) $4 + \frac{1}{3} =$ ……..

a. $4\frac{1}{3}$ b. $\frac{4}{3}$ c. $\frac{12}{3}$ d. $5\frac{1}{3}$

25) $\frac{6}{10} - \frac{2}{10} =$ ……….

a. $\frac{8}{10}$ b. $\frac{4}{10}$ c. $\frac{4}{20}$ d. $\frac{6}{20}$

26) $6 - 3\frac{1}{4} =$ ……….

a. $3\frac{1}{4}$ b. $2\frac{3}{4}$ c. $9\frac{1}{4}$ d. $2\frac{1}{4}$

27) $\frac{1}{5} + \frac{2}{5} - \frac{2}{5} =$ ....

a. $\frac{2}{5}$ b. $\frac{1}{5}$ c. 1   d. $\frac{6}{5}$

28) $\frac{2}{7}$ ...... $\frac{5}{7}$

a. $>$ b. $<$ c. $=$ d. Otherwise

29) $\frac{3}{5}$ ...... $\frac{3}{7}$

a. $>$ b. $<$ c. $=$ d. Otherwise

30) $\frac{1}{4} < \frac{1}{\dots\dots}$

a. 8   b. 7   c. 5   d. 3

31) Which relation is correct?

a. $\frac{3}{7} > \frac{5}{7}$ b. $\frac{6}{7} < \frac{4}{7}$ c. $\frac{1}{7} > \frac{3}{7}$ d. $\frac{1}{7} < \frac{5}{7}$

32) $\frac{4}{9} >$ ......

a. $\frac{7}{9}$ b. $\frac{5}{9}$ c. $\frac{1}{9}$ d. $\frac{8}{9}$

33) $\frac{5}{8}$ 1

a. $>$ b. $<$ c. $=$ d. Otherwise

34) The fraction $\frac{5}{8}$ is nearest to benchmark fraction ....

a. $\frac{1}{2}$ b. $1\frac{1}{2}$ c. 1   d. 0

35) $\frac{11}{12}$ is closer to the benchmark fraction ....

a. 1   b. $\frac{1}{2}$ c. 0   d. $\frac{1}{4}$

36) The fraction $\frac{5}{6}$ is equivalent to ....

a. $\frac{10}{6}$ b. $\frac{10}{18}$ c. $\frac{25}{30}$ d. $\frac{5}{12}$

37) The fraction $\frac{1}{2}$ is equivalent to ....

a. $\frac{1}{3}$ b. $\frac{3}{6}$ c. $\frac{2}{5}$ d. $\frac{3}{8}$

38) Which of the following is true?

a. $\frac{5}{15} = \frac{1}{3}$ b. $\frac{1}{16} = \frac{3}{18}$ c. $\frac{7}{8} = \frac{8}{7}$ d. $\frac{3}{13} = \frac{4}{4}$

39) $1 \times \frac{3}{7} =$ ......

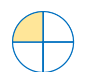
a. $1\frac{3}{7}$ b. $\frac{3}{7}$ c. $\frac{7}{3}$ d. 1

40) $\frac{5}{6} \times 0 =$ ......

a. $\frac{5}{6}$ b. 0 c. 1 d. $\frac{6}{5}$

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2. Complete:

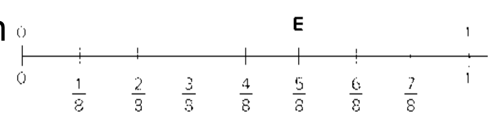
1) The fraction which represents the opposite figure = ... 

2) The denominator of the fraction $\frac{7}{11}$ is ....

3) The number of unit fractions in $\frac{8}{9}$ is ....

4) The number of unit fractions in one whole = ... fifths

5) The number of unit fraction which represents point E is ....



6) $\frac{1}{5} + \frac{1}{5} + \frac{1}{5} + \frac{1}{5} =$ ....

7) $\frac{5}{10} = \frac{2}{10} + \frac{1}{10} +$ ....

8) $\frac{7}{2}$ is a / an .... fraction

9) $2\frac{1}{4}$ = ……….. [as an improper fraction]

10) $\frac{17}{4}$ = ……….. [as a mixed number]

11) $\frac{2}{7} + \frac{3}{7} = \frac{\dots}{7}$

12) $3\frac{2}{5} + 1\frac{1}{5}$ = ……..

13) $6 + \frac{2}{5} + 2 + \frac{3}{5}$ = ……..

14) $2 + 2 + \frac{3}{5} + \frac{3}{5}$ = ……

15) $4\frac{5}{6}$ + …….. $= 6\frac{5}{6}$

16) $8\frac{3}{4} - 3\frac{1}{4}$ = ………..

17) $1 - \frac{2}{5}$ = ………..

18) $5 - 2\frac{1}{3}$ = ………..

19) $\frac{3}{4} \times \frac{5}{5}$ = ……

20) $\frac{2}{3} \times 1$ = ……

21) $\frac{5}{8} \times \frac{\dots}{3} = \frac{15}{24}$

22) $\frac{5}{6}$ × …… $= \frac{5}{6}$

23) $\frac{4}{7} \times \frac{\dots}{\dots} = \frac{16}{28}$

3. Answer the following:

1) Samira cut a cake into 8 equal parts and ate one part of them.
What is the fraction that represents the remaining parts?

…………………………………………………………………………………

2) Seif studied math for $1\frac{1}{4}$ hour and science for $\frac{3}{4}$ hour.
How many hours did seif study in all?

…………………………………………………………………………………

3) Waleed ate $2\frac{3}{8}$ of cakes and Ali ate $1\frac{1}{8}$ of cakes of the same size.
What is the difference between what Waleed ate and Ali ate?

....

4) Mona has $24\frac{1}{2}$ pounds, she bought a doll for $22\frac{1}{2}$ pounds.
How much money left with her?

....

5) Order in ascending order: $\frac{4}{11}$, $\frac{1}{11}$, $\frac{9}{11}$, $\frac{6}{11}$

....

6) Order in ascending order: $\frac{2}{5}$, $\frac{2}{9}$, $\frac{2}{3}$, $\frac{2}{10}$, $\frac{2}{4}$

....

7) Order in ascending order: $\frac{5}{3}$, $\frac{1}{3}$, 1

....

1. Choose:

1) b	11) d	21) a	31) d
2) d	12) c	22) b	32) c
3) a	13) d	23) a	33) b
4) c	14) c	24) a	34) a
5) d	15) b	25) b	35) a
6) c	16) d	26) b	36) c
7) c	17) a	27) b	37) b
8) c	18) b	28) b	38) a
9) d	19) d	29) a	39) b
10) a	20) c	30) d	40) b

2. Complete:

1) $\frac{1}{4}$	6) $\frac{4}{5}$	11) $\frac{5}{7}$	16) $5\frac{2}{4}$	21) 3
2) 11	7) $\frac{2}{10}$	12) $4\frac{3}{5}$	17) $\frac{3}{5}$	22) 1
3) 8	8) improper	13) 9	18) $2\frac{2}{3}$	23) $\frac{4}{4}$
4) 5	9) $\frac{9}{4}$	14) $5\frac{1}{5}$	19) $\frac{3}{4}$	
5) 5	10) $4\frac{1}{4}$	15) 2	20) $\frac{2}{3}$	

3. Essay:

1) The fraction = $\frac{7}{8}$
2) Number of hours = $1\frac{1}{4} + \frac{3}{4} = 1\frac{4}{4} = 2$ hours
3) The difference = $2\frac{3}{8} - 1\frac{1}{8} = 1\frac{2}{8}$ cakes
4) The money = $24\frac{1}{2} - 22\frac{1}{2} = 2$ pounds
5) The order: $\frac{1}{11}, \frac{4}{11}, \frac{6}{11}, \frac{9}{11}$
6) The order: $\frac{2}{10}, \frac{2}{9}, \frac{2}{5}, \frac{2}{4}, \frac{2}{3}$
7) The order: $\frac{1}{3}, 1, \frac{5}{3}$





Model (1)

Question 1 : Choose the correct answer :

1. $\frac{3}{7}$ is a\an ....fraction .

ⓐ unit ⓑ proper ⓒ improper ⓓ Mixed number

2. $\frac{1}{5} + \frac{2}{5}$ = ...

ⓐ $\frac{3}{10}$ ⓑ $\frac{3}{8}$ ⓒ $\frac{3}{5}$ ⓓ $\frac{4}{15}$

3. Equivalent fraction of $\frac{6}{24}$ is ....

ⓐ $\frac{6}{12}$ ⓑ $\frac{24}{6}$ ⓒ $\frac{1}{6}$ ⓓ $\frac{1}{4}$

4. The number of tenths in one whole is ....

ⓐ 10 ⓑ 6 ⓒ 11 ⓓ 100

5. The fraction $\frac{7}{12}$ is closer to ....

ⓐ 0 ⓑ $\frac{1}{2}$ ⓒ $\frac{3}{3}$ ⓓ 1

Question 2 : Complete the following :

1. $4 \times \frac{2}{9}$ = ...
2. $\frac{7}{15} - \frac{2}{15} - \frac{3}{15}$ = ...
3. 1 - .... = $\frac{4}{5}$
4. The fraction $\frac{1}{9}$ is closer to .... (use benchmark fraction)
5. $\frac{20}{25} = \frac{4}{.......}$

Question 3 : Answer the following :

1. Aliaa bought $2\frac{5}{12}$ kilograms of oranges . she used $\frac{7}{12}$ to make a juice How much kilograms with her now ?

....

2. Arrange the following in an descending order .

$\frac{1}{8}$, $\frac{1}{9}$, $\frac{1}{4}$, $\frac{1}{5}$, $\frac{1}{3}$ ....





Model (2)

Question 1 : Choose the correct answer :

1. $\frac{3}{15}$ .... $\frac{1}{5}$

   ⓐ > ⓑ < ⓒ = ⓓ >

2. $\frac{5}{7} + \frac{1}{7} + \frac{6}{7} + \frac{2}{7} =$ ....

   ⓐ $2\frac{5}{7}$ ⓑ 2 ⓒ 3 ⓓ $\frac{15}{7}$

3. The simplest form of $\frac{12}{18}$ is ....

   ⓐ $\frac{12}{18}$ ⓑ $\frac{1}{18}$ ⓒ $\frac{2}{3}$ ⓓ $\frac{6}{9}$

4. The fraction $4\frac{3}{4}$ is equivalent to ....

   ⓐ $\frac{7}{4}$ ⓑ $\frac{3}{16}$ ⓒ $3\frac{4}{3}$ ⓓ $\frac{19}{4}$

5. $\frac{2}{5} + \frac{2}{5} + \frac{2}{5} + \frac{2}{5} =$ ....

   ⓐ $\frac{2}{5} \times \frac{2}{5} \times \frac{2}{5} \times \frac{2}{5}$ ⓑ $\frac{2}{5} \times 4$ ⓒ $\frac{2}{5} \times \frac{2}{5}$ ⓓ $\frac{4}{5}$

Question 2 : Complete the following :

1. The numerator of the fraction $\frac{3}{7}$ is ....
2. $7\frac{2}{5}$ as an improper fraction is ....
3. 1 + ... = $1\frac{3}{7}$
4. The fraction $\frac{7}{8}$ is closer to .... (use benchmark fraction)
5. Any number divided by itself is ....

Question 3 : Answer the following :

1. Salma draw 10 circles . Three Fifths of the them are blue . How many circles are blue ?

   ....

2. Find the value of x ⓐ $\frac{3}{5} = \frac{15}{x}$ ⓑ $x - 3\frac{3}{5} = 10\frac{4}{5}$

   ....





Model (3)

Question 1 : Choose the correct answer :

1. $\frac{4}{9}$ = ...
   - (a) $\frac{2}{9}+\frac{2}{9}$
   - (b) $\frac{2}{9}+\frac{1}{9}+\frac{1}{9}$
   - (c) $\frac{1}{9}+\frac{1}{9}+\frac{1}{9}+\frac{1}{9}$
   - (d) All of them

2. $\frac{5}{9} = \frac{25}{\square}$
   - (a) 9
   - (b) 5
   - (c) 81
   - (d) 45

3. $1 - \frac{2}{3} + \frac{2}{3}$ = ...
   - (a) 1
   - (b) $\frac{2}{3}$
   - (c) $1\frac{2}{3}$
   - (d) $\frac{4}{3}$

4. $\frac{7}{7}$ 1
   - (a) >
   - (b) <
   - (c) =
   - (d) >

5. $\frac{6}{12}$ + ... = 1
   - (a) $\frac{3}{6}$
   - (b) $\frac{2}{4}$
   - (c) $\frac{1}{2}$
   - (d) All of them

Question 2 : Complete the following :

1. The number of fifths in one whole is ....
2. $\frac{26}{7}$ as a mixed number is ....
3. $10\times \frac{2}{3} - m = 4\frac{1}{3}$,then the value of m is ....
4. $0 \times \frac{2}{5}$ = ...
5. $6 - 4\frac{7}{10}$ = ...

Question 3 : Answer the following :

1. Arrange the following in an ascending order . $\frac{2}{5}$, 1 , $\frac{3}{5}$, $\frac{4}{5}$, $\frac{1}{5}$

   ....

2. Gannah has $5\frac{1}{7}$ cakes , she gave her father Mahmoud $2\frac{3}{7}$ cakes . How many kilograms with Gannah ?

   ....





Model (4)

Question 1 : Choose the correct answer :

1. $5\frac{1}{3}$ is a\an ....
   (a) unit fraction (b) Proper fraction (c) Improper fraction (d) Mixed number

2. $\frac{7}{8}$ .... $\frac{3}{8}$
   (a) > (b) < (c) = (d) All of them

3. $\frac{3}{5}$ > ....
   (a) $\frac{3}{3}$ (b) $\frac{5}{5}$ (c) $\frac{1}{3}$ (d) $\frac{5}{3}$

4. The number of Eighths in three whole is ....
   (a) 24 (b) 8 (c) 3 (d) 11

5. $1 \times \frac{1}{2}$ = ...
   (a) 0 (b) $\frac{1}{2}$ (c) $\frac{3}{3}$ (d) 1

Question 2 : Complete the following :

1. $\frac{5}{7}$ = ...
2. $\frac{2}{5} = \frac{\dots}{20}$
3. 5 - .... = $4\frac{4}{5}$
4. $5\frac{2}{7} + 1\frac{3}{7}$ = ...
5. $\frac{2}{3} \times \frac{3}{3}$ = ...

Question : Answer the following :

1. Esraa has $2\frac{1}{4}$ kg of apples and $5\frac{3}{4}$ kg of oranges . How many kilograms with Esraa ? ....

2. Hagar ate $\frac{1}{5}$ of his chocolate bar . How much chocolate are there now ?





Model (1)

Question 1 : Choose the correct answer :

1. $\frac{3}{7}$ is a\an ....fraction .
   - (a) unit
   - (b) proper
   - (c) improper
   - (d) Mixed number
2. $\frac{1}{5} + \frac{2}{5}$ = ...
   - (a) $\frac{3}{10}$
   - (b) $\frac{3}{8}$
   - (c) $\frac{3}{5}$
   - (d) $\frac{4}{15}$
3. Equivalent fraction of $\frac{6}{24}$ is ....
   - (a) $\frac{6}{12}$
   - (b) $\frac{24}{6}$
   - (c) $\frac{1}{6}$
   - (d) $\frac{1}{4}$
4. The number of tenths in one whole is ....
   - (a) 10
   - (b) 6
   - (c) 11
   - (d) 100
5. The fraction $\frac{7}{12}$ is closer to ....
   - (a) 0
   - (b) $\frac{1}{2}$
   - (c) $\frac{3}{3}$
   - (d) 1

Question 2 : Complete the following :

1. $4 \times \frac{2}{9}$ = ...$\frac{8}{9}$.....
2. $\frac{7}{15} - \frac{2}{15} - \frac{3}{15}$ = ...$\frac{2}{15}$....
3. 1 - ......$\frac{1}{5}$...... = $\frac{4}{5}$
4. The fraction $\frac{1}{9}$ is closer to ....0....... (use benchmark fraction)
5. $\frac{20}{25} = \frac{4}{5}$

Question 3 : Answer the following :

1. Aliaa bought $2\frac{5}{12}$ kilograms of oranges . she used $\frac{7}{12}$ to make a juice How much kilograms with her now ?

   .... $2\frac{5}{12} - \frac{7}{12} = \frac{10}{12} = \frac{5}{6}$ kg ....

2. Arrange the following in an descending order .

   $\frac{1}{8}$, $\frac{1}{9}$, $\frac{1}{4}$, $\frac{1}{5}$, $\frac{1}{3}$

   $\frac{1}{3}$, $\frac{1}{4}$, $\frac{1}{5}$, $\frac{1}{8}$, $\frac{1}{9}$




Model (2)

Question 1 : Choose the correct answer :

1. $\frac{3}{15}$ .... $\frac{1}{5}$
   (a) > (b) < (c) = (d) >

2. $\frac{5}{7} + \frac{1}{7} + \frac{6}{7} + \frac{2}{7} =$ ....
   (a) $2\frac{5}{7}$ (b) 2 (c) 3 (d) $\frac{15}{7}$

3. The simplest form of $\frac{12}{18}$ is ....
   (a) $\frac{12}{18}$ (b) $\frac{1}{18}$ (c) $\frac{2}{3}$ (d) $\frac{6}{9}$

4. The fraction $4\frac{3}{4}$ is equivalent to ....
   (a) $\frac{7}{4}$ (b) $\frac{3}{16}$ (c) $3\frac{4}{3}$ (d) $\frac{19}{4}$

5. $\frac{2}{5} + \frac{2}{5} + \frac{2}{5} + \frac{2}{5} =$ ....
   (a) $\frac{2}{5} \times \frac{2}{5} \times \frac{2}{5} \times \frac{2}{5}$ (b) $\frac{2}{5} \times 4$ (c) $\frac{2}{5} \times \frac{2}{5}$ (d) $\frac{4}{5}$

Question 2 : Complete the following :

1. The numerator of the fraction $\frac{3}{7}$ is ....3.......
2. $7\frac{2}{5}$ as an improper fraction is ......$\frac{37}{5}$.......
3. $1 +$ ...$\frac{3}{7}$..... $= 1\frac{3}{7}$
4. The fraction $\frac{7}{8}$ is closer to ....1...... (use benchmark fraction)
5. Any number divided by itself is ....1.......

Question 3 : Answer the following :

1. Salma draw 10 circles . Three Fifths of the them are blue . How many circles are blue ?

   $\frac{3}{7} \times 21 = 9$ circles

2. Find the value of x (a) $\frac{3}{5} = \frac{15}{x}$ (b) $x - 3\frac{3}{5} = 10\frac{4}{5}$

   (a) $x = 25$ (b) $x = 10\frac{4}{5} + 3\frac{3}{5} = 14\frac{2}{5}$




Model (3)

Question 1 : Choose the correct answer :

1. $\frac{4}{9}$ = ...
   - ⓐ $\frac{2}{9}+\frac{2}{9}$
   - ⓑ $\frac{2}{9}+\frac{1}{9}+\frac{1}{9}$
   - ⓒ $\frac{1}{9}+\frac{1}{9}+\frac{1}{9}+\frac{1}{9}$
   - ⓓ All of them

2. $\frac{5}{9} = \frac{25}{\square}$
   - ⓐ 9
   - ⓑ 5
   - ⓒ 81
   - ⓓ 45

3. $1 - \frac{2}{3} + \frac{2}{3}$ = ...
   - ⓐ 1
   - ⓑ $\frac{2}{3}$
   - ⓒ $1\frac{2}{3}$
   - ⓓ $\frac{4}{3}$

4. $\frac{7}{7}$ 1
   - ⓐ >
   - ⓑ <
   - ⓒ =
   - ⓓ >

5. $\frac{6}{12}$ + ... = 1
   - ⓐ $\frac{3}{6}$
   - ⓑ $\frac{2}{4}$
   - ⓒ $\frac{1}{2}$
   - ⓓ All of them

Question 2 : Complete the following :

1. The number of fifths in one whole is ....5.........
2. $\frac{26}{7}$ as a mixed number is .... $3\frac{5}{7}$ ....
3. $10\times \frac{2}{3} - m = 4\frac{1}{3}$,then the value of m is .... $2\frac{1}{3}$ ....
4. $0 \times \frac{2}{5}$ = ... 0 ....
5. $6 - 4\frac{7}{10}$ = ... $1\frac{3}{10}$ ....

Question 3 : Answer the following :

1. Arrange the following in an ascending order . $\frac{2}{5}$, 1 , $\frac{3}{5}$, $\frac{4}{5}$, $\frac{1}{5}$

   $\frac{1}{5}$, $\frac{2}{5}$, $\frac{3}{5}$, $\frac{4}{5}$, 1

2. Gannah has $5\frac{1}{7}$ cakes , she gave her father Mahmoud $2\frac{3}{7}$ cakes . How many kilograms with Gannah ?

   .... $5\frac{1}{7} - 2\frac{3}{7} = 2\frac{5}{7}$ cakes ....





Model (4)

Question 1 : Choose the correct answer :

1. $5\frac{1}{3}$ is a\an ....
   (a) unit fraction (b) Proper fraction (c) Improper fraction (d) Mixed number

2. $\frac{7}{8}$ .... $\frac{3}{8}$
   (a) > (b) < (c) = (d) All of them

3. $\frac{3}{5}$ > ....
   (a) $\frac{3}{3}$ (b) $\frac{5}{5}$ (c) $\frac{1}{3}$ (d) $\frac{5}{3}$

4. The number of Eighths in three whole is ....
   (a) 24 (b) 8 (c) 3 (d) 11

5. $1 \times \frac{1}{2}$ = ...
   (a) 0 (b) $\frac{1}{2}$ (c) $\frac{3}{3}$ (d) 1

Question 2 : Complete the following :

1. $\frac{5}{7}$ = ...$\frac{25}{35}$......
2. $\frac{2}{5} = \frac{8}{20}$
3. 5 - ...$\frac{1}{5}$.. = $4\frac{4}{5}$
4. $5\frac{2}{7} + 1\frac{3}{7}$ = ...$6\frac{5}{7}$......
5. $\frac{2}{3} \times \frac{3}{3}$ = ...$\frac{2}{3}$......

Question : Answer the following :

1. Esraa has $2\frac{1}{4}$ kg of apples and $5\frac{3}{4}$ kg of oranges . How many kilograms with Esraa ? .... $2\frac{1}{4} + 5\frac{3}{4}$ = 8 kg ....

2. Hagar ate $\frac{1}{5}$ of his chocolate bar . How much chocolate are there now ?
   $1 - \frac{1}{5} = \frac{4}{5}$

Q1) Choose the correct answer:

A) Which of the following is the least?

$(\frac{4}{9} \quad or \quad \frac{7}{9} \quad or \quad \frac{2}{9} \quad or \quad 1)$

B) $\frac{20}{7} = \cdots$ ……….. (as a mixed number)

$(\frac{6}{7} \quad or \quad 2\frac{1}{7} \quad or \quad 2\frac{6}{7} \quad or \quad 3\frac{1}{7})$

C) $\frac{3}{2} =$………….

$(\frac{1}{2} \quad or \quad 1\frac{1}{4} \quad or \quad 1\frac{1}{2} \quad or \quad 1)$

D) The simplest form of $\frac{15}{20}$ is ……………………

$(\frac{3}{4} \quad or \quad \frac{1}{4} \quad or \quad \frac{5}{6} \quad or \quad \frac{3}{5})$

E) $\frac{7}{10} + \frac{2}{10} = \ldots\ldots\ldots\ldots\ldots\ldots$

$(\frac{5}{10} \quad or \quad \frac{3}{10} \quad or \quad \frac{9}{10} \quad or \quad \frac{7}{10})$

F) $27x\,\frac{3}{3} \ldots\ldots\ldots\ldots 27x\,\frac{9}{9}$

(< or > or = or otherwise)

G) The equivalent fraction of $\frac{4}{24}$ is ……………

$(\frac{1}{6} \quad or \quad \frac{3}{6} \quad or \quad \frac{6}{6} \quad or \quad \frac{6}{7})$

H) $\frac{37}{100} \ldots\ldots\ldots \frac{4}{10}$

(< or > or = or otherwise)

I) $\frac{450}{1000}$ = …………

($\frac{450}{100}$ or $\frac{45}{10}$ or $\frac{45}{100}$ or $\frac{450}{10}$)

J) The equivalent of $\frac{18}{24}$ is ……………..

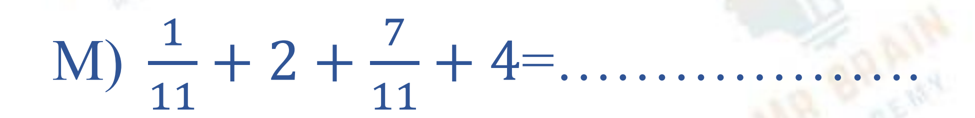
($\frac{9}{6}$ or $\frac{4}{6}$ or $\frac{3}{4}$ or $\frac{1}{4}$)

K) $\frac{2}{3}$ = ………….

($\frac{7}{10}$ or $\frac{6}{9}$ or $\frac{4}{5}$ or $\frac{6}{20}$)

L) Each of the following is an improper fraction ?

($\frac{11}{6}$ or $\frac{7}{9}$ or $2\frac{5}{7}$ or $\frac{8}{9}$)



M) $\frac{1}{11} + 2 + \frac{7}{11} + 4 =$....................

($7\frac{8}{11}$ or $2\frac{6}{11}$ or $6\frac{8}{22}$ or $6\frac{8}{11}$)

N) $\frac{1}{5} + \frac{1}{5} + \frac{1}{5} =$....................

($\frac{4}{5}$ or $\frac{3}{5}$ or $\frac{11}{5}$ or $\frac{3}{15}$)

O) The mixed number which is equivalent to $\frac{8}{5}$ is

....

($1\frac{1}{5}$ or $1\frac{3}{5}$ or $1\frac{2}{5}$ or $1\frac{4}{5}$)

P) $\frac{1}{4} = \frac{3}{\ldots\ldots}$

(3 or 10 or 36 or 12)

Q) The fraction $\frac{9}{10}$ is closed to ....

(0 or 1 or 2 or $\frac{1}{2}$)

R) $\frac{5}{6} >$ ....

(1 or $\frac{4}{6}$ or $\frac{5}{4}$ or $\frac{5}{3}$)

S) $3\frac{5}{8} - 2\frac{1}{8} =$........

($1\frac{1}{2}$ or $2\frac{4}{8}$ or $1\frac{6}{8}$ or $\frac{4}{8}$)

T) $\frac{1}{4} \ldots\ldots \frac{1}{8}$

(< or > or = or otherwise)

Q2)Complete

1. $\frac{3}{8} = \frac{\dots\dots}{16}$

2. $\frac{3}{7} \times \frac{2}{2} =$............

3. $2\frac{1}{4} + \frac{3}{8} =$...............

4. $4\frac{1}{8} = \frac{\dots\dots}{8}$ (as an improper fraction)

5. $The\ simplest\ form\ of\ \frac{12}{36}\ is$ ... .

6. $6\frac{7}{9} - 3\frac{2}{9} =$.......... (as a mixed number)

7. $1\frac{5}{6} + 4\frac{3}{6} =$............





8. $3\frac{5}{8} + 2\frac{1}{8} =$..........

9. $\frac{1}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10} =$...................

10. $\frac{8}{12}$ ... ... $\frac{4}{10}$ (< or > or =)

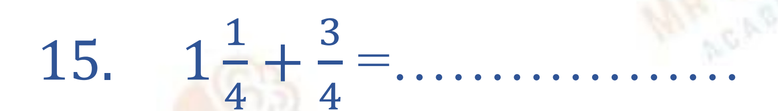
11. $\frac{\dots\dots}{6} = 5\frac{1}{6}$ (as a mixed number)

12. $\frac{3}{10} - \frac{3}{100} = \cdots$

13. $3\frac{7}{10} + 1\frac{7}{100} =$...............

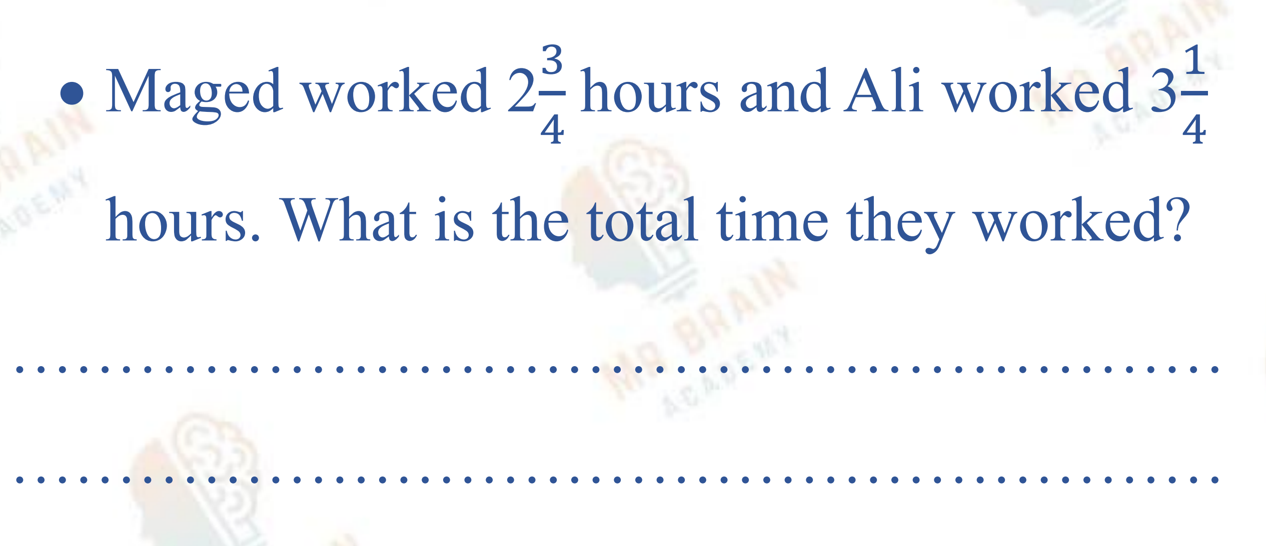
14. The number of fifths in 1 is

....



15. $1\frac{1}{4} + \frac{3}{4} = \ldots\ldots\ldots\ldots\ldots\ldots$

Q3) Answer the following :



- Maged worked $2\frac{3}{4}$ hours and Ali worked $3\frac{1}{4}$ hours. What is the total time they worked?

……………………………………………………………………

……………………………………………………………………

……………………………………………………………………

- Order the following fractions in descending order:

$$\frac{1}{3}, \frac{1}{4}, \frac{1}{2}, \frac{1}{7}$$



The order:

....

- If there are 20 birds on a tree, $\frac{4}{4}$ of them flew away. How many birds flew away?

....

....

....

- Sally bought 1 kg of apples. She ate $\frac{2}{5}$ kg of it. What's the mass left?

....

....

....

....

- Mostafa read $\frac{3}{5}$ of his story on Monday and $\frac{57}{100}$ of it on Tuesday, What is the fraction which represents all of Mostafa read?

……………………………………………………………

……………………………………………………………

……………………………………………………………





Q1) Choose the correct answer:

A) Which of the following is the least?

$(\frac{4}{9}$ or $\frac{7}{9}$ or $\frac{2}{9}$ or $1)$

B) $\frac{20}{7} = \cdots$ ……… .. (as a mixed number)

$(\frac{6}{7}$ or $2\frac{1}{7}$ or $2\frac{6}{7}$ or $3\frac{1}{7})$

C) $\frac{3}{2} =$…………..

$(\frac{1}{2}$ or $1\frac{1}{4}$ or $1\frac{1}{2}$ or $1)$

D) The simplest form of $\frac{15}{20}$ is ……………………

$(\frac{3}{4}$ or $\frac{1}{4}$ or $\frac{5}{6}$ or $\frac{3}{5})$

E) $\frac{7}{10} + \frac{2}{10} = \ldots\ldots\ldots\ldots\ldots\ldots$

$(\frac{5}{10}$ or $\frac{3}{10}$ or $\frac{9}{10}$ or $\frac{7}{10})$

F) $27x\frac{3}{3} \ldots\ldots\ldots\ldots 27x\frac{9}{9}$

(< or > or = or otherwise)

G) The equivalent fraction of $\frac{4}{24}$ is ……………

$(\frac{1}{6}$ or $\frac{3}{6}$ or $\frac{6}{6}$ or $\frac{6}{7})$

H) $\frac{37}{100} \ldots\ldots\ldots \frac{4}{10}$

(< or > or = or otherwise)

I) $\frac{450}{1000} = \ldots\ldots\ldots\ldots$

$\left(\frac{450}{100} \quad or \quad \frac{45}{10} \quad or \quad \frac{45}{100} \quad or \quad \frac{450}{10}\right)$

J) The equivalent of $\frac{18}{24}$ is ……………..

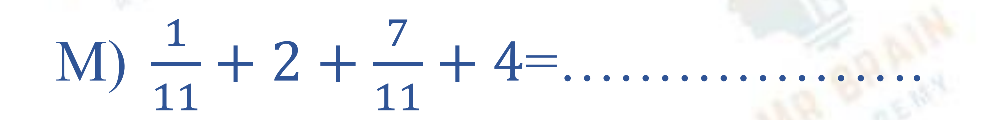
$\left(\frac{9}{6} \quad or \quad \frac{4}{6} \quad or \quad \frac{3}{4} \quad or \quad \frac{1}{4}\right)$

K) $\frac{2}{3} = \ldots\ldots\ldots\ldots$

$\left(\frac{7}{10} \quad or \quad \frac{6}{9} \quad or \quad \frac{4}{5} \quad or \quad \frac{6}{20}\right)$

L) Each of the following is an improper fraction ?

$\left(\frac{11}{6} \quad or \quad \frac{7}{9} \quad or \quad 2\frac{5}{7} \quad or \quad \frac{8}{9}\right)$



M) $\frac{1}{11} + 2 + \frac{7}{11} + 4 =$ ....

($7\frac{8}{11}$ or $2\frac{6}{11}$ or $6\frac{8}{22}$ or $6\frac{8}{11}$)

N) $\frac{1}{5} + \frac{1}{5} + \frac{1}{5} =$ ....

($\frac{4}{5}$ or $\frac{3}{5}$ or $\frac{11}{5}$ or $\frac{3}{15}$)

O) The mixed number which is equivalent to $\frac{8}{5}$ is

....

($1\frac{1}{5}$ or $1\frac{3}{5}$ or $1\frac{2}{5}$ or $1\frac{4}{5}$)

P) $\frac{1}{4} = \frac{3}{\dots\dots}$

(3 or 10 or 36 or 12)

Q) The fraction $\frac{9}{10}$ is closed to ....

(0 or 1 or 2 or $\frac{1}{2}$)

R) $\frac{5}{6}$ > ....

(1 or $\frac{4}{6}$ *or* $\frac{5}{4}$ *or* $\frac{5}{3}$)

S) $3\frac{5}{8} - 2\frac{1}{8} =$........

($1\frac{1}{2}$ *or* $2\frac{4}{8}$ *or* $1\frac{6}{8}$ *or* $\frac{4}{8}$)

T) $\frac{1}{4}$ ... ... $\frac{1}{8}$

(< or > or = or otherwise)

Q2)Complete

1. $\frac{3}{8} = \frac{6}{16}$

2. $\frac{3}{7} \times \frac{2}{2} = \frac{3}{7}$

3. $2\frac{1}{4} + \frac{3}{8} = 2\frac{5}{8}$

4. $4\frac{1}{8} = \frac{33}{8}$ (as an improper fraction)

5. $The\ simplest\ form\ of\ \frac{12}{36}\ is\ \frac{1}{3}$

6. $6\frac{7}{9} - 3\frac{2}{9} = 3\frac{5}{9}$ (as a mixed number)

7. $1\frac{5}{6} + 4\frac{3}{6} = 5\frac{8}{6} = 6\frac{2}{6}$

8. $3\frac{5}{8} + 2\frac{1}{8} = \mathbf{5\frac{6}{8}} = \mathbf{5\frac{3}{4}}$

9. $\frac{1}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10} = \mathbf{\frac{5}{10}} = \mathbf{\frac{1}{2}}$

10. $\frac{8}{12}$ > $\frac{4}{10}$ ($<$ or $>$ or $=$)

11. $\mathbf{\frac{31}{6}} = 5\frac{1}{6}$ (as a mixed number)

12. $\frac{3}{10} - \frac{3}{100} = \mathbf{\frac{30}{100} - \frac{3}{100} = \frac{27}{100}}$

13. $3\frac{7}{10} + 1\frac{7}{100} = \mathbf{3\frac{70}{100} + 1\frac{7}{100} = 4\frac{77}{100}}$

14. The number of fifths in 1 is **5 Fifths**

15. $1\frac{1}{4} + \frac{3}{4} = \mathbf{1\frac{4}{4} = 2}$

Q3) Answer the following :

- Maged worked $2\frac{3}{4}$ hours and Ali worked $3\frac{1}{4}$ hours. What is the total time they worked?

The total time they worked is = $2\frac{3}{4} + 3\frac{1}{4} = 5\frac{4}{4}$

= 6 hours

- Order the following fractions in descending order:

$$\frac{1}{3}, \frac{1}{4}, \frac{1}{2}, \frac{1}{7}$$

The order: $\mathbf{\frac{1}{2}, \frac{1}{3}, \frac{1}{4}, \frac{1}{7}}$

- If there are 20 birds on a tree, $\frac{4}{4}$ of them flew away. How many birds flew away?

The number of birds flew away is :

$$20 \times \frac{4}{4} = 20 \text{ birds}$$

- Sally bought 1 kg of apples. She ate $\frac{2}{5}$ kg of it. What's the mass left?

The mass of apples that left is: $1 - \frac{2}{5} = \frac{5}{5} - \frac{2}{5}$

$$= \frac{3}{5} \text{ Kg}$$

- Mostafa read $\frac{3}{5}$ of his story on Monday and $\frac{57}{100}$ of it on Tuesday, What is the fraction which represents all of Mostafa read?

The fraction that represents all of Mostafa read is: $\frac{3}{5} + \frac{57}{100} = \frac{60}{100} + \frac{57}{100}$

$$= \frac{117}{100}$$

$$= 1\frac{17}{100}$$

Choose the correct answer:

1 $3\frac{1}{5}$ = ... (as an improper fraction)

ⓐ $\frac{15}{5}$ ⓑ $\frac{1}{5}$ ⓒ $\frac{16}{5}$ ⓓ $\frac{8}{5}$

2 $5 - 2\frac{1}{4}$ = ...

ⓐ $7\frac{1}{4}$ ⓑ $3\frac{1}{4}$ ⓒ $2\frac{1}{4}$ ⓓ $2\frac{3}{4}$

3 $\frac{3}{4}$ ...... $\frac{3}{7}$

ⓐ $<$ ⓑ $>$ ⓒ $=$ ⓓ $\leq$

4 $....... = \frac{1}{5} + \frac{1}{5} + \frac{1}{5}$

ⓐ $\frac{1}{5}$ ⓑ $\frac{3}{5}$ ⓒ $\frac{4}{5}$ ⓓ 3

5 Three sevenths = ...

ⓐ 37 ⓑ $\frac{3}{7}$ ⓒ $\frac{7}{3}$ ⓓ $3\frac{1}{7}$

6 $3\frac{2}{3}$ is called ....

ⓐ a proper fraction ⓒ a mixed number
ⓑ an improper fraction ⓓ a whole number

7 $\frac{12}{5}$ = ... (as a mixed number)

ⓐ $2\frac{2}{5}$ ⓑ $2\frac{1}{5}$ ⓒ $1\frac{2}{5}$ ⓓ $2\frac{2}{12}$

8 The multiplicative identity element is ....

ⓐ 0 ⓑ 1 ⓒ 2 ⓓ $\frac{1}{2}$

9 $\frac{3}{4} = \frac{......}{40}$

ⓐ 3 ⓑ 6 ⓒ 15 ⓓ 30

10 $\frac{2}{5} \times \frac{3}{3}$ = ...

ⓐ $\frac{2}{5}$ ⓑ $\frac{6}{8}$ ⓒ $\frac{9}{10}$ ⓓ $\frac{3}{3}$

11 $2\frac{5}{7} + 3\frac{2}{7}$ = ...

ⓐ 5 ⓑ 6 ⓒ $6\frac{7}{7}$ ⓓ $5\frac{7}{14}$

12 $\frac{3}{5}$ = ...

ⓐ $\frac{9}{15}$ ⓑ $\frac{5}{15}$ ⓒ $\frac{8}{10}$ ⓓ $\frac{2}{3}$

13 $2\frac{5}{7}$ ...... $2\frac{5}{8}$

ⓐ < ⓑ > ⓒ = ⓓ ≤

14 .... is a unit fraction.

ⓐ $\frac{1}{2}$ ⓑ $\frac{2}{7}$ ⓒ $\frac{3}{8}$ ⓓ $\frac{3}{1}$

15 Three .... = 1

ⓐ halves ⓑ thirds ⓒ fourths ⓓ fifths

16 $\frac{3}{8}$ is called ....

ⓐ a proper fraction ⓒ a mixed number
ⓑ an improper fraction ⓓ a whole number

17 In the fraction: $\frac{4}{9}$, the numerator is ....

ⓐ 4 ⓑ 9 ⓒ 13 ⓓ 36

18 $\frac{5}{9}$ = ...

ⓐ $\frac{3}{9} + \frac{2}{9} + \frac{2}{9}$ ⓑ $\frac{2}{3} + \frac{2}{3} + \frac{1}{3}$ ⓒ $\frac{2}{9} + \frac{2}{9} + \frac{1}{9}$ ⓓ $\frac{1}{3} + \frac{1}{3} + \frac{3}{3}$

19 $\frac{15}{6} = \frac{......}{2}$

ⓐ 3 ⓑ 5 ⓒ 1 ⓓ 2

20 $\frac{1}{4}+\frac{1}{4}=$ …………

ⓐ 2 ⓑ $\frac{2}{8}$ ⓒ $\frac{1}{2}$ ⓓ $\frac{1}{4}$

21 How many sevenths are there in whole one? …………

ⓐ 1 ⓑ 3 ⓒ 5 ⓓ 7

22 $\frac{2}{9}\times$ …… $=\frac{2}{9}$

ⓐ 0 ⓑ 1 ⓒ 2 ⓓ 9

23 $9\frac{1}{5}-3=$ …………

ⓐ 6 ⓑ $6\frac{1}{5}$ ⓒ $5\frac{2}{5}$ ⓓ $5\frac{1}{5}$

24 If $\frac{2}{9}=\frac{x}{18}$, then $x=$ ………

ⓐ 2 ⓑ 3 ⓒ 4 ⓓ 18

25 Which of the following has a value of $\frac{5}{6}$?

ⓐ $\frac{5}{6}+\frac{5}{6}+\frac{5}{6}+\frac{5}{6}+\frac{5}{6}$ ⓑ $\frac{1}{6}+\frac{2}{6}+\frac{3}{6}+\frac{4}{6}+\frac{5}{6}$ ⓒ $\frac{1}{6}+\frac{1}{6}+\frac{1}{6}+\frac{1}{6}+\frac{1}{6}$ ⓓ $\frac{1}{5}+\frac{1}{5}+\frac{1}{5}+\frac{1}{5}+\frac{1}{5}$

26 $1\frac{1}{4}+\frac{3}{4}=$ …………

ⓐ $2\frac{1}{4}$ ⓑ 2 ⓒ 4 ⓓ $2\frac{3}{4}$

27 $3\frac{5}{8}-2\frac{1}{8}=$ …………

ⓐ $2\frac{1}{2}$ ⓑ $2\frac{4}{8}$ ⓒ $1\frac{6}{8}$ ⓓ $1\frac{1}{2}$

28 $2\frac{1}{8}$ is equivalent to …………

ⓐ $\frac{17}{8}$ ⓑ $\frac{17}{1}$ ⓒ $\frac{21}{8}$ ⓓ $\frac{16}{8}$



Essay Problems:

1	**Order the following fractions from least to greatest:** $\frac{15}{4}$, $\frac{15}{7}$, $\frac{15}{5}$, $\frac{15}{8}$, $\frac{15}{6}$ **The order is:** ……… , ……… , ……… , ……… , ………
2	**Order the following fractions from greatest to least:** $\frac{3}{11}$, $\frac{9}{11}$, $\frac{4}{11}$, $\frac{8}{11}$, $\frac{5}{11}$ **The order is:** ……… , ……… , ……… , ……… , ………
3	**Ali bought 6 oranges, he ate $3\frac{1}{2}$ oranges. How many oranges are left?** …………………………………………………………………………
4	**Adam has one loaf of bread. He ate $\frac{3}{4}$ of it. How much is left?** …………………………………………………………………………
5	**Hany drank $1\frac{3}{8}$ liters of water. Samir drank $1\frac{5}{8}$ liters of water. How many liters of water did Hany and Samir drink?** …………………………………………………………………………
6	**Badr bought $1\frac{1}{2}$ kg of sugar. $2\frac{1}{2}$ kg of flour and $1\frac{1}{2}$ kg of rice. What is the total mass?** …………………………………………………………………………
7	**Amir has 12 cakes. He ate $\frac{1}{4}$ of them. How many cakes did Amir ate?** …………………………………………………………………………

